

[5]

3rd Peruvian Expedition
1932

MacArthur Jr. + Rad. Roberts

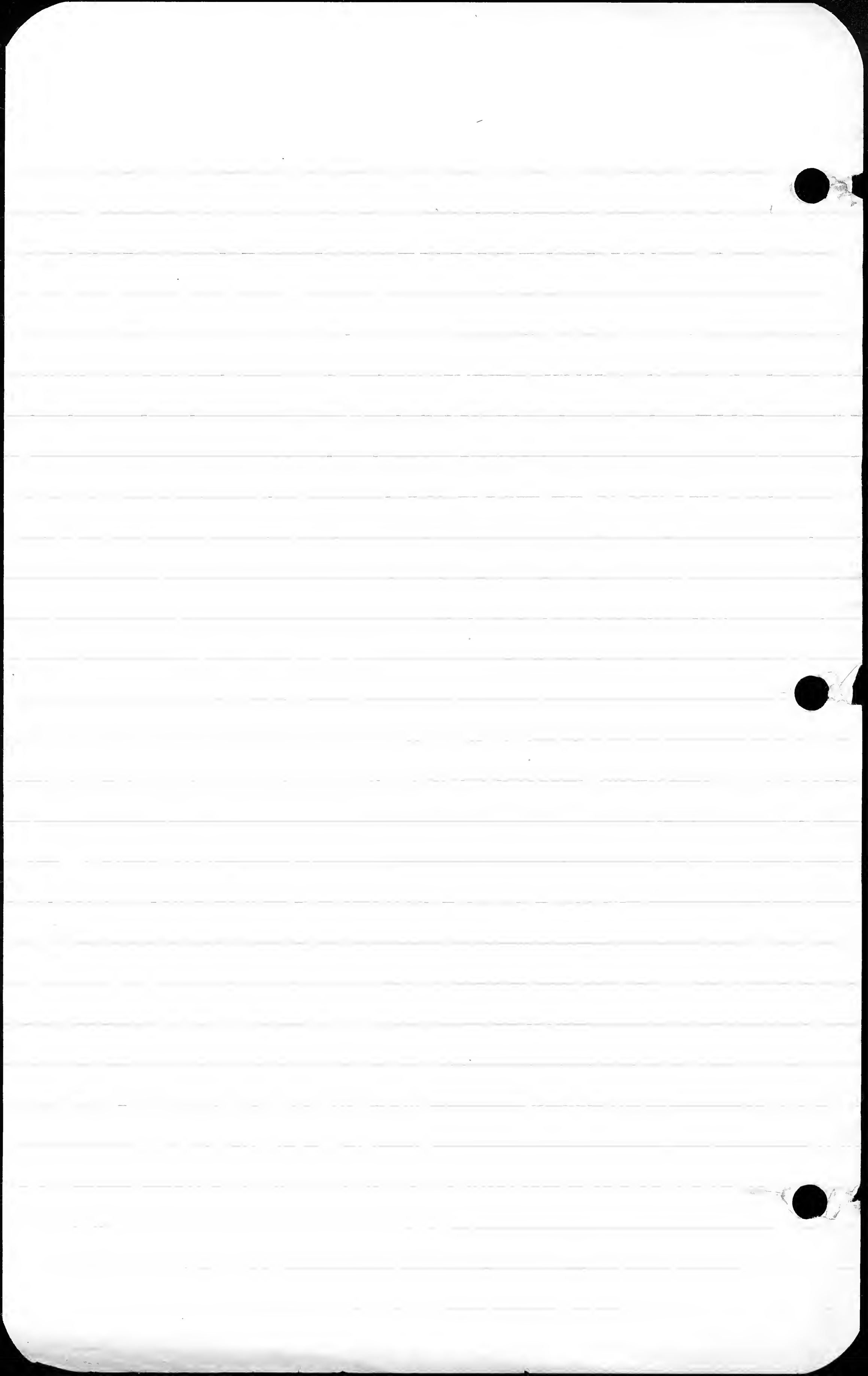
Feb. 2 to ~~Dec 5~~ Aug 30

nn. 4210 to ⁶⁰⁴⁴~~8559~~

4th Peruvian Exped.
1933

MacArthur.
April 9 to Dec. 5

nn. 6045 to 8559



Leg. to (a woman) Feb 2, 1930

* 4210[✓] *Anthus peruvianus* T.E. ♂ 140

4211[✓] " " " ♀ 138

* 4212[✓] *Tachycineta rubrigastra libertatis* T.E. ♂ 116
 (abundant in area)

4213[✓] " " " ♀ 114

* 4214[✓] *M. leucocryptes*^{m.} *melanops* (M) T.E. ♂ 135
 brown black, plumbeous below, bill brown

* 4215[✓] *Geocitta peruvianus* ♂ 145
 brown above, white below, yellow throat

* 4216[✓] *Sialia luteola raimondii* Nest 19 eggs. ♀ 130
 blue above, white below, yellow throat

* 4217[✓] *Charadrius* Ring Neck Plover ♀ 122
 brown above, white below, black bill

* 4218[✓] *Molothrus purpurescens* (?) (M) T.M.E. ♂ 213
 brown above, black below

4219[✓] " " " Laying ♀ 198

* 4220[✓] *Troglodytes bellicosus* T.M.E. ♂ 219
 brown above, white below, blue throat, black bill

* 4221[✓] *Spinus semiradzkii* (?) ♂ 125
 brown black above, white below

4222[✓] " " " ♂ 126

* 4223[✓] *Spinus semiradzkii* (?) ♀ 277
 brown black above, white below, yellow throat

Ventral 4 dark gray, brown back, white; young: brown tail coverts
 white, yellow 4 bands black tail; brown above, white below; brown
 throat, black bill 60 mm.

**
 4180 ✓ *Ixobrychus exilis erythromelas* T.E. ♂ 252
 brown / blackish / white / ...
 4181 ✓ " " " ♂ 255

*
 4226 ✓ *Gallinula galeata pauxilla* ♀ 220
 74 brown / ...
 4227 ✓ " " " ♂ 332

**
 4228 ✓ *Poliocephalus dominicus brachyrhynchus* T.E. ♂ 227
 158 " ...
 4229 ✓ *Anthus peruvianus* ♂ 243

4230 ✓ *Zonotrichia peruviana* ♂ 157
 brown / blackish / ...

**
 4231 ✓ *Squatarola squatarola* ♀ 297
 brown / blackish / ...
 and black

Vegeta, Peru, Feb. 2 - 1913.

A little village set in a valley on the desert
 & fronting on the sea, with a narrow strip of
 irrigated land between itself & the sea. The
 south side of the valley is a marsh with small
 ponds & patches of low growing plants. The
 birds abundant in the irrigated lands
 marshes & ponds. Blackbirds especially common
 along the beach shores of small ponds. In
 the ponds, Least Sandpiper most common,
 Lesser Yellowlegs fairly common, also the
 (both white bill & yellow & blackish shield)
 Gallinule & Black-brown Night Heron in
 the ponds. Tachura & Phalaropus common,
 & the latter building nests & with eggs. I think
 Tachura will soon be laying too. ~~Phalaropus~~
 breeding (only 3 eggs taken). ~~Stelerythra~~ ducks
 here (young taken & at least 2 species of
 ducks. The 2 taken Feb. 3 taken)
 Volatinia very common, also Sporophila
 with chestnut throat (common at River)
 Neothyridon decurrens fairly common, also
 House Wren. Don't know yet what to
 in the desert. Oedipodius said to be
 not rare & probably several. ~~Fecundatula~~
 Vermilion Flycatcher fairly common, east of town
~~Acrida vulcanaria~~ also. Condors seen on
 the beach. Both ~~Phalaropus~~ taken Feb. 3 have
 testicles very large. Apparently many birds
 are breeding & most are in good plumage

Sicoris

No. 4210.4.

Feb. 2.

Nest in *Scirpus* near *Salicornia* (marsh) pond.
 9 fresh, 1 old. Egg 3, on
 plant stalk, 19.5 x 14.5 mm. 2 eggs pale
 bluish white, finely speckled on whole surface
 with purplish bluish & one with large blotches
 on large end. Third egg pale blue. 4 fresh
 2 spotted with small spots of purplish bluish
 over whole surface & with heavy smudge of same
 colored splashing around large end.

P300 *Phalaropus*

Feb. 2. Nest burned. Eggs fresh. hung in knot of
 marsh 2 feet above water in marsh near beach.

P 301 *Phalaropus*

Feb. 2. fresh. same site as No 300.

P 302 *Leucis bellina* (one egg) and *Act. th. us*

(2 eggs) Nest abandoned & eggs badly
 soiled. Probably abandoned by *Leucis* on account
 of the many cowbird eggs. Nest placed in
 clump of thick tall grass in marsh, near
 small pond. Nest *Leucis*.

Dr. 12 No. 4261 Egg in nest, broken by this
 pale cream color. 51 x 34 mm.

Salpator striatipector imbricatus

Brown, Feb. 26. Nest in small orange
 tree in edge of field, 6 ft from ground. Made
 of cane leaves & lined with leaves of cane. Lined
 with dry round grass stalks, twigs & roots.
 5" in dia x 4" deep. Inside 3 3/4" x 2" deep.
 2 eggs badly incubated. 1 pale egg blue, with
 a few lines, streaks & spots in front of wreath
 around large end. One egg with only a couple of
 heavy navy lines. 29 x 19; 27 x 18 mm.

303 Tropialis bellicosa.

3

Huamuy, Feb. 28, 1932. Incubation begun.
Nest down in ground in patch of gramma
grass about 15" high. Nest made entirely of
dry gramma grass, lined with fine grass stalks.
about $5\frac{1}{2}$ " dia by 4" deep outside & $3\frac{1}{2}$ " dia. by
 $2\frac{3}{4}$ " deep inside. Along edge of corn field
about 100 yds. from salt marsh.

304

2

Huamuy, Feb. 28. Eggs - fresh.

These eggs were in what was apparently an
old or abandoned nest of Tropialis, deep in
tall gramma grass on edge of corn field down
towards salt marsh of course.

The only bird which I can associate with
these eggs might be Geothlypis trichas, but
I hardly think it can be that bird.

21 Feb, Feb. 3, 1932

♀ 157

423 ✓

94

423

1. *Chrysomelidae*
2. *Curculionidae*
3. *Chrysomelidae*
4. *Curculionidae*

(Inter-T.M.E.) 3410

4235



0200

1237 ✓

212

100

1944-1945 \$ 2.00

T.E. 251

4250'

Characteristics

(Handwritten signature)

7186

100

4241 ✓

Molokhai

T.L. ♂ 222

1000 (1000) (1000)

4 2 4 2

212

Vigata, Feb 4, 1932.

4243^v *Anthus peruvianus* 1.5, ♂ 137

4244^v *Geothlypis peruvianus* 1.5, ♂ 132
brown/black, leathery blue, brown/black, mottled, mottled

4245^v *Ammodramus* 1.5, ♀ 282
brown/black, brown/black

4246^v *Corvus modestus* (Gray Bull.) 1.5, ♂ 425
brown/black, brown/black

4247^v " " 1.5, ♂ 132

4248^v Red Legged Stomping-billed Sandpiper (M) 1.5, ♀ 242
dusky/black, dull salmon.

4249^v " " 1.5, ♀ 243

4250^v " " 1.5, ♂ 235

4251^v " " 1.5, ♀ 233

4252^v " " 1.5, ♂ 236

4253^v Lesser Yellow-legs 1.5, ♂ 272
brown/black, brown/black, dusky yellow

Vigata, Feb. 5, 1932.

4254^v *Saltator streptopodus immaculatus* T. H. L. 1.5, ♂ 225
brown/black, dark brown.

4255^v *Speotyto cunicularia* (M) 1.5, ♀ 226
yellow/slate, brown/dark brown.

4256^v *Oxyechus vociferus peruanus* 1.5, ♀ —
brown/black, fulvous.

4257^v *Casmerodias albusagretta* 1.5, ♀ 225
brown/yellow, black.

✓
 4266
 195
 2nd 1000 ft. ...
 yellow, yellow ...

↑ 958

Végeta, Feb 7.

4267 ✓ *Blacus* ... (= 4231)
 brownish ...

4307

San Martin Island, Feb 7.

** ✓
 4268 *Cinclodes*
 brown, blackish brown, dark brown

♀ 236

**
 4269 *Narosterna inca* (M)
 196 brown, bright ...
 fleshy thin at gape yellow

♂ 378

4270 ✓ " "
 197

♂ 376

4271 ✓ " "
 198

♀ 392

4272 ✓ " "
 199

♂ 404

4273 ✓ " "
 200

♂ 398

270
 25
 1000
 108

Make a list of things

Buy only from stores that sell full.

1 lb of Petroleum jelly.

Buy a can of corn oil.

Aluminum foil - 100 ft. left in box 4/31

2 sheets - one paper.

16 ga. sheet.

27 - 7 1/2 sq ft.

41 - 32 sq ft.

25 - 6 "

33 - 10 "

16 - 4 1/2 "

Wants.

Neat foot oil

Paramonga, Feb 12.

I stayed in to overhaul equipment. Sent Manuel out.
He went up beach, but found very little.

- * 4282[✓] *Mimus longicaudus* T.M.E. ♂ 308
yellow \ black \ black
- * 4283[✓] *Falco sparverius degani* (15/11) ♀ 273
brown \ pale horn blue, black apically \ yellow
- * 4284[✓] *Zenaidura macroura hypoleuca* T.M.E. ♂ 285
brown \ black \ purple black
- 4285[✓] " " " ♀ 266
- 4286[✓] *Speotyto cunicularia* ♂ 233
yellow \ pale greenish horn \ dirt color.

Huaricunga, Feb 13 (25 km. above Paramonga on road to Huaricunga)

This valley is quite arid, flat & above irrigated area is covered with scrub & thorn trees. Water flows in stream bed only during rainy season in Sierra - considerable water runs, & very muddy.

- * 4287[✓] *Thaumastura cora* juv. ♂ 124
black \ brown
- 4288[✓] " " ♀ 85
- ** 4289[✓] *Euscarthmus melanocephalus fulvipes* T.E. ♂ 107
brown \ black, pink below, tip black \ below
- 4290[✓] " " ♀ 110
- * 4291[✓] *Spizitornis reguloides albiventer* ♀ 125
brown \ black, pink below, tip black \ black
- 4292[✓] " " ♀ 119

- ** 4293 *Camptostemon obsolatum sulatri* ♀ 113
 brown/black; yellow flesh below basally; leaden
- * 4294 *Muscigallia brevicauda* T.E. ♂ 125
 brown/black; pale brownish flesh.
- 4295 " " T.E. ♂ 129
- * 4296 *Myiophobus rufescens* ♀ 133
 (Pheucticus-like)
 brown/black; paler at base below; black.
- * 4297 *Catantaria analis analoides* ad. ♂ 139
 brown/yellow/blackish
- ** 4298 *Myiarchus semivivus* T.E. ♂ 201
 Annularis ochraceous below, wings & tail annularis
 brown/black/black
- 4299 " " imm ♂ 200
- 4300 " " ♀ 202
- 4301 *Mimus longicaudus* T.E. ♂ 298
 gray/black/black
- 4302 " " T.E. ♂ 291
- * 4303 *Cinnypterus alaticollis* ♀ 272
 Green Woodpecker
 brown/black/leaden blue
- 4304 *Spootyto conicularia* ♂ 242
 yellow/dark olive, ridges more pale; dusky olive
- * 4305 *Spotted Sandpiper* ♀ 200
 brown/blackish, brownish drab below; bluish drab.

Paramonga, Feb 14, 1932.

Mamm. went out again today - 3 labeled: park -
 Vegeta birds & pointed up birds.

- 4306 ✓ *Camptosternus obsolotermoclati* T.E. ♂ 118
 brown/black, flesh brown, meat black.
- 4307 ✓ *Euscorithmus meleryphus fulviceps* ♂ 112
 brown/black, pale brown at base of culmen
- 4308 ✓ *Myiophobus rufescens* T.E. ♂ 136
 brown/black/black
- 4309 ✓ *Spinus semiradzei* ♀ 118
 brown/dark brown, pale below/black
- * 4310 ✓ *Troglodytes musculus* T.M.E. ♂ 127
 brown/black, flesh brown, tip of bill yellow, flesh
- 4311 ✓ " " " " T.M.E. ♂ 120
- 4312 ✓ *Catamenia anatis analides* ♂ 130
 brown/yellow/blackish brown
- 4313 ✓ *Speotyto conicularia* (M) ♂ 237
 yellow/dirty olive/dirty leaden

Temperature:

2 - a period of 4 days the
 maximum in shade (in summer of 1931)
 = 81° Minimum = 67°

7
Paramonga, Feb 15.

We went up the "Quebrada" in automobile, as far as the toll gate & hunted in the scrubby valley. back at 10.30.

4314[✓] *Thaumastura cora cora* ♂ 104
black/black

* 4315[✓] *Amphispiza bilineata* ♀ 105
red basally, back of head black

4316[✓] *Euscarthmus vociferans* ♂ 106
brownish, back of head black

4317[✓] *Carpodacus frontalis* *scloteri* ^{laying} ♀ 111
brownish, back of head black

4318[✓] *Spizella socialis* ♂ 127
brownish, back of head black

* 4319[✓] *Conirostrum cinereum* ♀ 113
brown/black

4320[✓] *Myiophobus* ♀ 124
brown/black, back of head black

4321[✓] " " ♂ 125

* 4322[✓] *Pipilo maculatus* ♂ 137
brown/black, back of head black

* 4323[✓] *Elania alba* *modesta* (M) T.E. ♂ 171
brown/black, back of head black

* 4324[✓] *Myiodynastes* ♂ 250
brown/black/black

4325[✓] *Myiodynastes* ♂ 217
brown/black, back of head black

4326[✓] *Myiodynastes* ♂ 262
brown/black/black

* 4327[✓] *Boltoniornis* ♂ 182
brown/black, back of head black

	Comm.	Supp.	Quarney
6ya -	$\frac{6}{3}$	$\frac{7\frac{1}{2}}{3}$	$\frac{10}{10}$
	$\frac{12}{10}$	$\frac{31\text{m.}}{35}$	
	$\frac{1}{11}$	$\frac{1}{5}$	$\frac{15}{12}$
		$\frac{2}{18}$	$\frac{11}{3}$

Temperature in room at hotel:

Min. 78° Max. 86°, Outside in
 paper in sun 105° F.

3 sheets some paper used.

X

□□

Harney, Feb. 26

Both sides of runway among cultivated fields &
fruit trees, cotton etc.

4335 ✓ *Amazilia amazilia* ♂ 111
pink head, white tip black / black

4336 ✓ " " (M) ♀ 107
mandible (light) & body more pink flesh, rest black / black

4337 ✓ *Spizitermis reguloides albicinctus* T.E. ♂ 121
brown, black, mandible flesh, tip black / black

4338 ✓ " " " ♀ 118

4339 ✓ " " " ♀ 124

4340 ✓ *Camptocercus obsoletus sclateri* T.M.E. ♂ 116
brown, black, dusky back, all brown / leaden

* 4341 ✓ *Sporeophila telasco* (chrysotis) T.M.E. ♂ 105
brown, black, yellow / brown

4342 ✓ *Conirostrum cinereum littorale* (M) ♂ 120
brown, black, leaden below / leaden

** 4343 ✓ *Heleodytes fuscescens pallens* T.E. ♂ 227
gray / black, pink flesh, brown / brown

4344 ✓ " " " T.E. ♂ 222

4345 ✓ " " " ♀ 211

* 4346 ✓ *Mniotilta peruviana* (M) ♀ 136
brown, black, dusky flesh.

4347 ✓ *Pooecetes hispaniolensis* T.M.E. ♂ 134
brown, black, leaden, blue / brown, leaden flesh

4348 ✓ " " " T.S.E. ♂ 103

4347 Catomenia analis. analoides

♂ 132

black yellow black

* 4350 Neohyphessus devirens nasus

T.M.E

♂ 123

brown black shiny, yellow pink below, pale

4351

"

"

T.M.E ♂ 122

4352

"

"

Laying

♀ 123

dusky brown, pink below, pale

4353

Myzomastax bairdi

♀ 252

brown black black

4354

Falco sparverius

♂ 268

brown black laterally, black apically, orange

4355

"

"

♀ 212

* 4356

Heptastella verreauxi decolor

T.M.E

♂ 291

black yellow black, pink black

Huachuap, Feb 27

I stayed in to sleep today from last night
number went up from 20 to 21

* 4357

Chordeiles acutipennis

pruinosa (1)

T.M.E

♂ 212

black black

4358

Bubo virginianus

pr. T.M.E

♂ 154

brown black, black below, black and blue

* 4359

Melospiza melodia

(M)

♀ 326

gray black (blue) black, pink black

4360

"

"

imm ♂ 326

4361

Camptosternus abscissus selderi

♀ 122

brown black, dusky pink below, black, black

X

[12]

4362 ✓ *Spiziteris reguloides albiventris* ♂ 128
brown black, feet below, tip black black

4363 " " " " imm ♂ 119

4364 ✓ *Catamenia ornata analoides* ♀ 130
brown black, feet below, tip black black

4365 ✓ *Heleodytes fasciatus pallescens* ♀ 218
brown black, feet below, tip black black

4366 " " " " ♀ 215

4367 ✓ " " " " T.E. ♂ 230

Nuamary; Feb 18

We both went down to the Port & saw grass
flat. No beach on this side of river. No high
stage of water, ^{in river} water was about 10 feet flat.
Several ducks seen on the river. A flock of 12
Golden Yellowlegs. *Tringa* abundant also *Spermophila*
large flocks. *Parus* quite. *Sialia*, *Am.*, *Goldfinch*,
Merula, *Spizella*, *Chondestes*, *Py.*, *Agelaius*. *Corvus*
seen common.

4368 ✓ *Spizis seminudus* ♀ 119
brown black, feet below, tip black black

4369 ✓ " " " " ♀ 119

4370 ✓ *Elanus* " " " " T.E. ♂ 102
brown black, feet below, tip black black

4371 ✓ *Scotopelia* (Himalayan) (very fat) ♂ 240
brown black, feet below, tip black black
feather; solid black; feet below; black; red below
white; median upper tail coverts black, lateral coverts
white.

- ↓ 4372 ✓ *Belbarythides aurifrons* ♀ 178
brown old wing, dusky, plum
- ↓ 4373 ✓ *Tropialis bellivosa* T.M.E. ♂ 210
black, brown blue below (blackish)
- * 4374 ✓ *Warus serranus* (Wynne-Smith) ♂ 377
(N) pale blue black, ridge yellow, venter black
- 4375 ✓ *Warus* (= 4277) (Hill) ♂ 378
(N) pale blue black blackish
- 4376 ✓ *Anas bahamensis rubrirostris* (V.) ♂ 552
59 brown, green blue, ridge rusty, sides locally red / olive
diab.
Mammal aspected downy young of this
bird, but still not taken away!

Havannah, Feb 29

Went on track up valley 12 miles
got back at 12:30 / 12:40 16 birds (Hav. Cong. in)

- 4377 ✓ *Spizella socialis* very 12:45 ♀ 118
brown black, greenish brown
- 4378 ✓ *Eumethia melanotos fulviceps* ♂ 112
brown black, green locally leaden blue
- 4379 ✓ *Camptostoma bairdii solitaria* (V.) ♂ 117
brown black, yellow feet brown
- ** 4380 ✓ *Pygocelidon nigricans* (Hill) ♂ 132
brown black brown
- 4381 ✓ " " ♀ 123
- 4382 ✓ *Calamonia analis analis* (?) 122
brown black, yellowish below / black

✓
4383 *Micropterus peruvianus*
brown/black/black

(laying)

♀ 136

**

✓
4384 *Tyrannus nigrigularis* (?)

brown/black, spot at base below flank/black

imm ♂ 247

✓
4385 " *melancholicus*
brown/black/black

T.M.E. ♂ 240

*

✓
4386 *Piranga testacea tschudi* (?)

brown/black, brown blue below

♀ 197

✓
4387 *Geothlypis peruviana* (payson?)

brown, blackish leaden blue, black, black at tip/white

T.M.E. ♂ 156

✓
4388 *Falco sparverius*

brown/blackish broadly, blackish/yellow

♂ 273

✓
4389 *Belborthynchus aequifrons*

brown/blackish above/flush

T.E. ♂ 198

Quarney, March 1.

We both went up in old car to Canyon
& hunted up the valley. I got back at 11:30
& Mon. at 12:15 by other truck.

*
4390 *Geothlypis aequifrons* ^{T.M.E.}

brown/black, black below/yellow/flush

♂ 138

✓
4391 *Piranga testacea tschudi* T.M.E.

brown/black, olive bluish brown below/leaden

♂ 202

✓
4392 " " "

T.M.E. ♂ 200

✓
4393 " " "

♀ 205

*
4394 *Systellura ruficervix decussata* ^{T.S.E.}

brown/black/dusky brown

♂ 218

4395 " " "

T.S.E. ♂ 215

4396 *Myiarchus semirufus* T.E. ♂ 205
brown \ black \ black.

* 4397 *Geositta maritima* ♀ 145
brown \ black, flesh below basal $\frac{1}{2}$ \ black.
T.M.E.

4398 *Heleodytes fasciatus pullescens* ♂ 230
hazel, blackish, pale horn blue below \ olive brown

4399 *Bolbostynchus albigularis* ♂ 199
brown \ brownish gray \ brownish flesh.

	skins	species	new to coll
Paramonga	125	57	23
Huamuly	65	15	4
	190	72	27

Chimote, March 5, 1932.

Went over along beach looking for Condors but only 1 ♀ seen. Too early in day. Shot the *Phaetotoma* flying along beach. The ♀ quit just inside the bar & mouth of small stream, then over 4 Ball Together. Manuel shot the *Phaetotoma* amongst the dunes in *Drumma* grass.

**
4400^v *Phaetotoma raimondii* T.E. ♂ 200
yellow / dark brown, pale blue / dark brown

4401^v " " ^{3, egg in egg.} (Laying) ♀ 200
dark brown, leaden blue below

4402^v *Tyrannos melancholicus* imm ♂ 246
brown / black / black

4403 " "

**
4404^v *Egretta* T.N.E. ♂ 560
yellow, naked skin orange / black / tarsi black, toes yellow

**
4405^v Black Skimmer ♂ 510
brown / black, tone salmon red / salmon red

4406^v " " ♀ 440
60

4407^v " " ♂ 515
61

Chimote, March 6.

We went across the river at head & then inland through the brush. I scanned over to other side of river & back along river & beach. Birds not common, except *Mimus* & *Geococcyx*. I shot 1 ♂ in the middle of a big patch of *Taraxacum* when it is impossible to see anything of what.

** 4408[✓] *Phaeomyias murina inflava*
brown | black | black

♀ 139

4409[✓] " " " ♂ 145

4410[✓] " " " ♂ 142

4411[✓] " " " ♂ 144

4412[✓] *Geositta perisorena paytae* (?) T.E. ♂ 152
brown | black | brown | black | black | black | black

4413[✓] " " " T.M.E. ♂ 153

4414[✓] " " " T.E. ♂ 149

4415[✓] *Phaetocoma raimondii* T.E. ♂ 200
orange | brown | black | black | black

4416[✓] *Spizella* ♀ 515
yellow | thin | brown | orange | yellow | black | black | black | black
basally | yellowish | thin | front of | black | black

	<u>skins</u>	<u>specimens</u>	<u>near to coal</u>
primary	196	72	27
secondary	17	4	4
	207	76	31

Saukima, Rio Santa, March 9, 1932

A hacienda 52 Km up R.R. from Chiriquete, the last large farm in valley, which occupies about here & is mostly a narrow rocky valley or gorge in most places. The valley here is not more than a half mile wide any place, mostly less. Cultivated here consist exclusively of rice, some pasture, & garden patches, with willow trees in some places along fence & ditches & acacia along border of valley, with the usual willow-like shrub of trees. Ruins along river & in rocky wet places. The river is still very much in flood. & it is evidently still raining hard up in Sierra. The R.R. is open only for about 10 miles up from here, the rest being all under repair from the February floods.

4417^v *Euscarthmus* *min.* *sp.* *fulviceps* ♂ 112
brown (black) feet black (brown) (black)

4418^v " " " ♀ 104

4419^v " " " ♂ 108

4420^v *Camptodromus* *obsolotum* *scutellatus* ♂ ♀ 107
brown (black) feet black (brown) (black)

4421^v *Myiophobus* *fulvaceus* ♀ 126
brown (black) feet black (brown) (black)

4422^v *Conirostrum* *cinereum* *litterale* ♂ 117
brown (black) feet black

4423^v *Sporophila* *fulvacea* juv. ♂ 110
brown (brown) feet black (brown) (black)

4424^v " " " ad. ♀ 104

4425^v " " " ♂ 105
brown (black) feet black

4426 ✓ *Saltator striaticeps immaculatus* ♀ 220
brown (black) blackish brown

** 4427 ✓ *Sakesphyrus bernardi cajamarensis* ♀ 189
(M) brown (black) blackish blue (black) leaden blue

4428 ✓ *Catamenia analis analoides* ♂ 134
brown (yellow) black

4429 ✓ *Chondestes acotipennis prunescens* ♀ 146
brown (black) blackish

4430 ✓ *Glucidion brasilianum* ♂ ♀ 182
yellow (pale brown) dusky (black) dirty white

4431 ✓ *Leptoplia versicolor decolor* (M) ♀ 292
adult (black) (pale) black

Ammunition used Suchiman

max	20 12	20 10
14	3	0
14	3	1
13	0	0
7	0	0
12	2	0
60	8	1 = 69 (61 birds)

6 sheets tissue paper for wrapping
2 " cone paper

Temp. Suchiman, it late.
70° Min 85° Max on west peak where sun hit
69° " 84° " " " "

Suchimac, March 10.

Went up valley, along RR & on beach above, as far as big valley coming in from south, valley narrow then & no cultivation, only brush & Agaveas & Willows along river. In willows shot the Piranga & Elaenia, & in brush of and stretch the Phytolomas.

4432 ✓ *Neorhynchus devicenis naseus* T.M.E. ♂ 122
brown yellow fluff, ridge brownish / pale tan

4433 ✓ *Spinus peruanus paulus* (M) ♂ 118
brown / blackish tan, pale at low below black

4434 ✓ " " ♀ 116

4435 ✓ " " ♀ 119

4436 ✓ *Myiarchus semicollis* ♀ 194
brown / blackish dark brown

4437 ✓ *Elaenia albiceps modesta* T.M.E. ♂ 164
brown / blackish, dusky, fine below black

4438 ✓ *Piranga testacea tschudi* T.M.E. ♂ 200
brown / black, bluish above below, locally / dark brown

4439 ✓ " " " juv (?) 174
— / blackish, local olive

4440 ✓ *Tyrannus melancholicus* T.M.E. ♂ 245
brown / black / black

4441 ✓ *Phytoloma laticollis* ♀ 198
orange / dark brown, fine on sides brown

4442 ✓ " " " ♂ 193
gray / — / —

4443 ✓ *Melothrus perperas* T.E. (M) ♂ 218
brown / blackish / black

4444 ✓ " " " ♀ 205

+

Suchiman, March 11.

Went far down the valley to end of Suchiman.
A lot of big acacias down there but very
few birds & nothing new. Got back
at 11 miles with 12 birds only.

- 4445 ✓ *Acridotheres tristis* ♀ 105
pink flesh, ridge apically & up back black
- 4446 ✓ *Phylloscopus collybitz* ♀ 105
brown black, flesh at base below black
- 4447 ✓ *Camptostoma obsoletum* ♂ 113
brown black, flesh below brown, dark below
- 4448 ✓ *Dryophanes fuscus* T.S.E. ♂ 101
brown black black
- 4449 ✓ *Muscivora brevicauda* ♀ 114
brown black, under flesh
- 4450 ✓ *Spinus pinus paulus* ♀ 120
brown black, head brown, pale at base below black
- 4451 ✓ " " " (M) ♀ 119
- 4452 ✓ *Elanus albertus modestus* T.M.E. ♂ 168
brown black, flesh below brown black
- 4453 ✓ *Zonotrichia capensis* ♂ ♀ 151
brown blackish brown, head black below dusky flesh
- 4454 ✓ *Molothrus bonariensis* ♂ ♀ 195
brown black black
- 4455 ✓ " " " T.E. ♂ 221
- 4456 ✓ " " " T.E. ♂ 217

x

[17]

Suchimán, March 12.

Went on horseback up valley 8 K.M., beyond
last cultivation of Tabacos, looking for
something new. Birds very scarce but there
in thick & acacias, & collecting almost hopeless
in account of thorn-bush. Took an *Elaenia*
that seemed to be different from the usual
form. Back at 12:30 P.M., hot & thirsty.
River very high today & looks like liquid
black mud.

- 4457 ✓ *Phaeomyiops mexima inflava* T.E. ♂ 147
brown \ black \ black
- 4458 ✓ *Elaenia albiceps* (β) (test. small) ♂ 174
brown \ blackish, flesh below \ black
- 4459 ✓ *Piranga testacea* Tschudi ♀ 203
brown \ black, bluish line below \ darker blue
- 4460 ✓ *Myiarchus semivivax* imm ♂ 203
brown \ black \ black
- 4461 ✓ *Boberlaimus aurifrons* ♀ 193
hazel \ old in eye \ brownish flesh

Suchimán, March 13.

Went down by fluvial then down river as far
as where I met Mantilla day before yesterday
& back up R.R.

- 4462 ✓ *Phaeomyiops mexima inflava* ♂ 144
brown \ black \ black
- 4463 ✓ " " " T.E. ♂ 140
- 4464 ✓ *Geothlypis aglaeotactis annularis* T.M.E. ♂ 134
brown \ black, yellow flesh below \ brownish flesh
- 4465 ✓ *Muscivora brevicauda* imm ♀ 121
brown \ black, flesh below \ dusky \ pale bluish line

- 4466 ✓ *Eloenia modesta* T.M.E. ♂ 161
brown/black, flat below basally black
- * 4467 ✓ *Pyrocephalus rubineus obscurus* T.E. ♂ 145
brown/black/black
- 4468 ✓ *Piranga testacea tschudi* T.M.E. ♂ 179
brown/black, black line below / under brown
- 4469 ✓ " " " " ♀ 200
" " " " " " " " " " " "
- 4470 ✓ *Catamenia analis analoides* T.E. ♂ 123
brown/yellow, of dusky black
- 4471 ✓ *Spinus peruanus paulus* T.E. ♂ 117
brown/black/brown, also below black
- 4472 ✓ " " " " T.E. ♂ 120
- 4473 ✓ " " " " ♀ 115
- 4474 ✓ *Molothrus bonariensis* ♀ 202
brown/black/black
- 4475 ✓ " " " " ♀ 200
- 4476 ✓ *Glaucoideus pyrrhuloxia* ♂ 178
yellow/yellow, of dusky line

	<u>Total skin</u>	<u>Total sp.</u>	<u>new spec</u>
Chumbote	207	76	31
Suchunan	60	23	2
	267	79	33

Mayucayan.

This is merely the railroad station & a few houses down in bottom of gorge-like and valley & no bird life near by. About 2 KM. above station there are some small areas of a few hundred feet higher which are irrigated & cultivated & have large groves of mango & Aguacate trees. I expected to find both there, but almost nothing.

Higher up are the slopes & tablelands of Yuramarea, the village being about 4 miles distant & feet higher than Mayucayan.

There are fields of corn, cane, yuca etc. & many patches of bananas & orange & mango trees, also Guavas, some in bloom & it was on these that the Hummers were taken. A large flock of aratingas was flying about & I finally cracked at them. The Rail was in a little marshy pocket in a small valley & was apparently catching grasshoppers out in the open grass. Helodytes fairly common.

Cartridges used.

<u>No 10</u>	<u>4 12</u>	<u>aux</u>
1	2	8
1	0	8

Temp. Mayucayan = 70° to 86°

Yiramanca, March 17.

**

4477 ✓ *Thaumasius taczanowskii* ♂ 132
black \ black

4478 ✓ " " T.E. ♂ 130

4479 ✓ *Euscarthmus melocephalus fulviceps* T.E. ♂ 107
brown, black, pink below, up black \ brown

4480 ✓ *Camptosternum obsoletum sclateri* T.E. ♂ 110
brown \ black, pink below, up black \ black

4481 ✓ *Holodectes fasciatus palliatus* T.E. ♂ 223
pale hazel \ black, bluish pink below \ dusky brown

4482 ✓ *Pardipallus sanguinolentus tschudi* T.E. ♂ 332
red \ bright olive green, long salmon line, long narrow red \ salmon

* 4483 ✓ *Turdus chiguensis conradi* ♂ 315
brown \ orange \ Indian yellow

4484 ✓ *Leptoptila verreauxi decolor* T.E. ♂ 313
yellow \ black \ purplish blue

* 4485 ✓ *Aratinga frontata* ♂ 425
grayish \ blue in eye yellow \ dirty brown \ dirty brown

4486 ✓ " " ♂ 420

* 4487 ✓ *Myrtis fannyae* ♂ 102
black \ black

4488 ✓ *Thaumasius taczanowskii* T.E. ♂ 127
black \ black

Yuramarca, March 18

Went up main trail to village & off to right, then
up above irrigated area. Then descended down
to RR through mango groves. Shot little Hummer
& three little *Fauvelia* above village. In a
patch of bananas. Saw several Pirangas.
Zenaidura macroura & *Cactus Wren*.
Volatinia common.

* 4489 ✓ *Dives Kalinowskii* T.M.E. ♂ 3.5
brown/black/black

4490 ✓ *Helodytes fasciatus palliatus* ♂ ♀ 10
hazel/black, bluish pink below/pale horn

* 4491 ✓ *Sporophila simplex* T.M.E. ♂ 125
brown/brown horn/dusky horn

4492 ✓ " " T.M.E. ♂ 122

4493 ✓ " " in (P) 120
—/blackish horn/—

* 4494 ✓ *Troglodytes musculus pona* T.M.E. ♂ 132
brown/black, yellow pink below/pale horn

On Curules between Mayacayan & La Pampa
March 19

4495 ✓ *Thaumasias taczanowskii* ♀ 128
black/black

** 4496 ✓ *Icterus piza personatus* T.M.E. ♂ 176
brown/orange yellow/yellow

4497 ✓ " " (M) T.M.E. ♂ 177

Yauco, March 20, 1932

During the morning, went back along road that
 leads to the top of valley & down to the
 house & back to village. Found several

** 4498 ✓ *Melospiza cinerea* septentr. ♂ 107
 red, black

* 4499 ✓ *Polynonotus carolin.* (M) ♂ 134
 black

4500 ✓ " " ♂ 138

* 4501 ✓ *Colaptes auratus* ♂ 154
 black, black

** 4502 ✓ *Geothlypis leucophrys interior* ♀ 155
 brown, black, black

* 4503 ✓ *Asthenes pudibunda* T.M.E. ♂ 112
 brown, black, black

4504 ✓ " " ♀ 130

* 4505 ✓ *Dryocopus s. intermedius* laying ♀ 125
 brown, black, black

** 4506 ✓ *Sitta carolinensis* it. ♀ 125
 brown, black, black

* 4507 ✓ *Thraupis darwini* ♀ 107
 brown, black, black

* 4508 ✓ *Pyrrhuloxia s. s. per. T.E.* ♂ 191
 yellow, yellow

4509 ✓ " (M) ♀ 120

* 4510 ✓ *Phaethon chrysogastrus* T.M.E. ♂ 224
 brown, black, brown

* 4511 ✓ *Cyanopelia cecilio* T.S.E. (M) ♂ 189
 brown, black, orange, black, pink

Yanac, March 21

Went to same division as before, but much higher up the creek to a place where the water is very shallow. Found the new *Alcedo* + *Cratichneumon*.

* 4512 ✓ *Thlypopsis ornata macroptera* T.M.E. ♂ 140
 brown black, blue black, blue

4513 ✓ " " laying ♀ 140

** 4514 ✓ *Spizella socialis nigricollis* T.M.E. ♂ 142
 brown, black, yellow, black, black, black

4515 ✓ *Spinus percarus paulus* (?) ♂ 143
 brown, black, brown, black, black, black

4516 ✓ *Troglodytes aedon* T.M.E. ♂ 22
 brown, black, black, black, black, black

* 4517 ✓ *Corvus sinensis* (M) T.M.E. ♂ 119
 brown, black, black, black, black, black

4518 ✓ *Cathartes aura* T.E. ♂ 164
 brown, black, black, black, black, black

4519 ✓ *Diglossa sittoides* T.M.E. ♂ 134
 brown, black, black, black, black, black

4520 ✓ *Aethya podiceps* T.M.E. ♂ 174
 brown, black, black, black, black, black

4521 ✓ " " T.M.E. ♂ 118

** 4522 ✓ *Cratichneumon* T.M.E. ♂ 115
 brown, black, black, black, black, black

** 4523 ✓ *Melospiza rutigenis* T.M.E. ♂ 116
 brown, black, black, black, black, black

4524 ✓ *Colaptes auratus* *auratus* T.E. ♂ 230
long beak, dark legs

4525 ✓ " " (M) T.M.E. ♂ 231

4526 ✓ " " ♀ 230

Yellow-bellied Sapsucker

Went back along river. Found + then in valley
went up above mountain to ... well
up on mountain where ...
trees in a valley at about 13,000 ^{to 14,000} ft.
everything that on this ... 1330 PM.

** 4527 ✓ *Metaxia phoebe jelskii* ♀ 120
black legs

4528 ✓ " " " laying ♀ 122

** 4529 ✓ *Psittacus victorinae juliae* ♀ 135
black ...
black ...

4530 ✓ " " " testis ♂ 148

4531 ✓ *Psittacus victorinae juliae* testis ♂ 181
black ...

4532 ✓ *Colibri ulatus (group)* ♀ 135
long ...

4533 ✓ *Spizella socialis* *socialis* ♀ 127
brown ...

* 4534 ✓ *Geothlypis trichas* *polioptila* ♀ 167
black & belly, ... (M)
black ...

4535 ✓ *Geothlypis trichas* T.S.E. ♂ 184
black ...

4536 *Conirostrum cinereum*
brown black, black

T.E. ♂ 121

* 4537 *Sicytalopus* (M) TIME ♂ 123
brown black, brown, yellow

* 4538 *Bicalis uropygialis sharpei* (R) T.M.E. ♂ 149
brown black, brown, black, yellow

** 4539 *Xenodacnis parva* T.E. ♂ 149
brown black, brown, black

4540 ✓ " " ♀ 142

4541 ✓ " " ♀ 145

** 4542 *Cyanocitta fraseri* (M) ♀ 166
brown black, brown, black, yellow

4543 ✓ " " imm ♀ 167

4544 *Cyanocitta fraseri* D. 168 ♀ 175
brown black, brown, black, yellow

4545 ✓ " " T.M.E. ♂ 188

* 4546 *Upicentris serripes* (M) imm ♂ 210
brown black, brown, black, yellow

4547 ✓ " " ♀ 210

4548 ✓ " " T.E. ♂ 212

4549 *Gymnophila coccyzoides* ♀ 194
brown black, brown, black, yellow

4550 ✓ " " ♂ 196

Yanac Mon 13.

West side - sample of brown sand
 along gutter on back of 13

4551[✓] *Polyonomus caroli* ♂ 135
 black \ black

4552[✓] *Thlypopsis ornata maculata* T.M.E. ♂ 140
 brown \ black, leaden blue below

4553[✓] *Thlypopsis* T.M.E. ♂ 192
 brown \ black, flat below, dark brown above

4554[✓] " " T.M.E. ♂ 123

4555[✓] *Agriotes montana maculosa* ♀ 252
 black \ black, deep

Temp. Yanac. in shade - Min 54° Max 67°
 over 11 days.

Amputation Yanac

Jan 19 - avg no 12 no 10 .410-12 .410-410

"	20 - 11			5	2	
"	21 - 19	2	1			
"	22 - 25	6	3			(25)
"	23 - 5	1				(5)
"	24 - 31	0	0	6	2	(19)
"	26 - 27	4	1			(30)
"	28 - 33	6	2			(32)
"	30 - 20	4	0			(17)

16 sheets tissue paper

5 1/2 sheets cone paper

finished 1 roll fine cotton 1 1/2 ft

7 1/2 ft silk.

Yauca, March 24

Went up to Yauca (1500 ft) & back down to
Mollendo (1400 ft) where I stayed on Mar 22.
Left on foot at 6 AM & got back at 4:30 P.M.

- ** 4556[✓] *Aglæactis caenatorota* (a cupripennis) ♀ 128
black | black L Brown Hummer, with amethyst rump
- 4557[✓] " " ♀ 132
- 4558[✓] " " ♀ 129
- 4559[✓] " " ♀ 130
- 4560[✓] *Scytalopus* (name) ♀ 115
brown | black | brownish yellow
- * 4561[✓] *Cobthreca rotipectoralis centralis* ♂ 151
cinnamon band across chest.
brown | black | black
- * 4562[✓] *Asthenes humilis humilis* (longica) ♀ 156
brown | black, black fls below, tip black | pale brown
- 4563[✓] " " " T.S.E. ♂ 165
- 4564[✓] *Upocryptes serrana* ♀ 217
brown | black, white fls below, tip black | dusky fls
- * 4565[✓] *Spizella capitalis* ♀ 131
brown | black, dusky fls below | blackish
- 4566[✓] *Xerodacnis parva* T.E. ♂ 155
brown | black | blackish
- 4567[✓] " " " T.E. ♂ 157
- 4568[✓] " " " ♀ 148

4567 ✓ *Ammodramus parina* imm ♂ 122

4570 ✓ *Sittacus sithoides* ^{T.N.E.} ♂ 127
brown / black / black

4571 ✓ *Sittacus* *frons* ♀ 121
brown / black / black

4572 ✓ *Sittacus* *frons* ♂ 163

** 4573 ✓ *Colaptes cinereicapillus* (AD) ♀ 335
brown / black / black

Yana, March 26

Went up to Yana today. Starting at 4 hrs. on road
to the shell and salt. Guide He started at
7.00. 15.00. but not the shell
was then between 14.00 & 15.00 ft. some
of the mountains extending down to 13.50 ft.
Got back at 5 P.M. - a wonderful day!

** 4574 ✓ *Oreotrichus* *_____* ♀ 138
black / black

* 4575 ✓ *Leptactinia oranda peruviana* ♂ 112
brown / black / black

4576 ✓ *Scythris bernardoides polioptera* ♀ 167
brown / black / black

4577 ✓ *"* *"* ♂ 169

* 4578 ✓ *Cinclodes fuscus albiventris* ♂ 183
brown / black / black

4579 ✓ *"* *"* *"* ♂ 170
— / — / pink / white

- * 4580 ✓ *Upocertbia validirostris jelskii* ♀ 190
brown | blackish | black.
- 4581 ✓ " " " T.E. ♂ 190
- * 4582 ✓ *Phyrqilus unicolor inca* T.E. ♂ 157
brown | black, dark brown below | brown brown, feet black.
- * 4583 ✓ *Dicaea speculifera* (M) T.M.E. ♂ 196
brown | black | brownish black
(building nest)
- 4584 ✓ *Colaptes cinereicapillus* (M) im ♂ 327
straw | black | pale greenish drab.
- 4585 ✓ *Aglaeactis caomatosa* ♀ 131
black, yellow below basally | black.
- 4586 ✓ " " " laying ♀ 125
- 4587 ✓ " " " ♀ 134
- * 4588 ✓ *Spizitoris (?)* (1) T.E. ♂ 150
dark cinnamon above, long and acute, long and pointed;
+ crown above, dark brown; wings black, dark brown
below | blackish | white + secondaries + tertials edge white
apically; tail black, outer white, entirely white + second
with only inner web (last 2/3) blackish; below dark
cinnamon, middle of belly pale sulphur.
brown | black | black
- 4589 ✓ " " " ♀ 143
- * 4590 ✓ *Synallaxis* (3) ♀ 155
above dark brown, below dappled, front bright chestnut,
supercilium white, buffy patchwork; rump, upper
tail covert + tail bright cinnamon uniform,
wings blackish, with white line before, small
+ rump all edged uniform, chin white, rest below
rich cinnamon, ochraceous, cinnamon
brown | black, flesh at base below | blackish

- 4591 ✓ *Scytalopus* _____ (same) (M) ♂ 132
brown | black | brownish flesh.
- * 4592 ✓ *Macrocerculus leucophrys rotomarginatus* 153
brown | black | black
- 4593 ✓ " " " (M) ♀ 154
- ** 4594 ✓ *Leptasthenura striata cajabambae* T.E. ♂ 171
brown | black, local buff below flesh | black.
- 4595 ✓ *Ochthoeca oenantheoides poliozona* ♂ 172
brown | black | black.
- * 4596 ✓ *Muscisaxicola juninensis* imm ♀ 183
brown | black | brown
- * 4597 ✓ *Idiopiza inornata* (?) T.E. ♂ 140
brown | dark brown | brownish flesh.
- 4598 ✓ *Xenodacnis parula* ♀ 141
brown | black | brown & black
- 4599 ✓ *Carpodacus bairdi* ♀ 183
brown | black, flesh below | olive green
- 4600 ✓ *Chondestes traxeri* ♀ 172
brown | black, imm. flesh | black
- ** 4601 ✓ *Heliochra rufaxilla* Larva ♀ 217
Cotinga
red-bay | below brown, pale flesh | black
- 4602 ✓ *Polioptila* _____ ♂ 182
brown | flesh | ash, flesh

Yuma, March 28.

Went up to "Bear" creek woodland, started at 4⁰⁰ A.M. Worked all woodland on Bear Creek & then crossed over high ~~mountain~~ to creek and went up on hill & worked down it, arriving at village at 6⁰⁰ P.M. - 32 birds.

- ✓ 4603 *Polioptila carolinensis* ♀ 120
black / black
- ✓ ** 4604 *Thaumastura cora montana* Y.E. ♂ 144
long tailed stream bird
black / black
- ✓ 4605 *Metallina phoebe* laying ♀ 125
black / black
- ✓ 4606 " " juv (♂) 122
- ✓ 4607 *Agelaius coarctatus* ♂ 132
black / black
- ✓ 4608 *Oreotriton stolzmanni* ♀ 130
black / black
- ✓ 4609 *Scytalopus* ♀ 128
brown / black, brownish flesh,
- ✓ 4610 *Meurocerculus leucoph. marginatus* ♀ 157
brown / black / black
- ✓ 4611 " " " ♂ 166
- ✓ 4612 " " " ♀ 162
- ✓ 4613 " " " Y.T.M.E. ♂ 165
- ✓ 4614 *Ochthoeca benanthoides polionota* ♀ 173
brown / black / black

- ✓
4615 *Ochthoeca rufipectoralis centralis* ♀ 151
- ✓
4616 " " " ♀ 147
- ✓
4617 " " " (N) T.S.E. ♂ 160
- ✓
4618 *Spiziteris reguloides nigricinctis* T.M.E. ♂ 143
brown/black; yellow flesh below, of back/black
- ✓
4619 *Cranioleuca baroni* T.M.E. ♂ 190
brown/black, flesh below/olive green
- ✓
4620 " " ♀ 184
- ✓
4621 " " T.M.E. ♂ 200
- *
4622 ✓ *Pectoral Scutifera* ♂ 190
brown/black/black
- ✓
4623 *Xenodactylus parina* T.M.E. ♂ 157
brown/black/black
- ✓
4624 " " ♀ 144
- ✓
4625 *Agriornis montanus* ♀ 260
brown/black/black
- *
4626 ✓ *Phrygilus plebejus* im ♂ 128
brown/blackish/blackish brown
- ✓
4627 *Sicalis* T.S.E. ♂ 136
brown/black, lower blue below/brown brown
- ✓
4628 " " T.M.E. ♂ 140
- **
4629 ✓ *Otus roboratus* (?) ♀ 246
yellow/olive brown/dull olive
- *
4630 ✓ *Colaptes cinereicapillus* im ♀ 340
brown/black/yellow flesh

4631 ✓ *Xenodacnis parina* T.E. im ♂ 164
 brown \ black \ black

Yauco, March 30, 1932.

Went up Indian road to old Zaca Ruins & on
 up a little higher on into Guayama stream
 at 1300 ft, then down quebrada to main
 road, & back to village. Started at 6 am
 & got back at 3 45 P.M. - all in but the streetcar

4632 ✓ *Alcathya smaragdineicollis* sept. ♂ 109
 black \ black

4633 ✓ *Psolidopygia victorice* j. ♂ 124
 black \ black

4634 ✓ *Polynemus caroli* ♂ 133
 black \ black

4635 ✓ *Aglaeactis caumatonota* ♂ 126
 black \ black

4636 ✓ *Spizitoria reguloides nigricollis* ♂ 137
 brown \ black \ black

4637 ✓ *Leptasthenura striata* pajabonensis T.S.E. ♂ 190
 brown \ black \ black

4638 ✓ *Muscisaxicola juninensis* ♂ 177
 brown \ black \ black

* 4639 ✓ *Upucerthia serrana* ♀ 217
 brown \ black \ black

4640 ✓ *Upucerthia validirostris* j. ♂ 186
 brown \ black \ black

4641 ✓ *Upucerthia validirostris* T.M.E. ♂ 120
 brown \ black \ black

4642 ✓ *Melospiza reticulata* juv. ♂ 205
brown/black, yellow throat and breast

4643 ✓ " " ♀ 207
brown/black, yellow throat and breast

4644 ✓ " " T.M.E. ♂ 208

4645 ✓ " " ♀ 202

4646 ✓ *Turdus migratorius* T.M.E. ♂ 132
brown/black, yellow throat and breast

* 4647 ✓ *Nigropicus* T.E. ♂ 246
brown/black, yellow throat and breast

4648 ✓ *Chrysomitris* T.H.E. ♂ 233
brown/black, yellow throat and breast

La Clara, Apr. 2.

La Clara, Apr. 2.

4649 ✓ *Oreotriton stolzmanni* T.E. ♂ 131
brown/black, yellow throat and breast

4650 ✓ *Colaptes auratus* T.M.E. ♂ 134
brown/black, yellow throat and breast

* 4651 ✓ *Dryobates* T.M.E. ♂ 150
brown/black, yellow throat and breast

4652 ✓ " " T.M.E. ♂ 150

4653 ✓ *Upopis* ♀ 210
brown/black, yellow throat and breast

4654 ✓ *Upopis* T.M.E. ♂ 126
brown/black, yellow throat and breast

4655 ✓ " " ♀ 126

- * 4656. *Phrygilus gayi chloronotus* unulatus. ♀ 184
brown, black; faint pink below on face & edge
prominent pink.

Sta Clara, Apr 4.

Went out young stream up to the edge of the
creek in all about 1400 ft (elevation), down
the creek. Saw about 400. Saw some &
some flight on lake. Saw others, but too far
to distinguish.

- 4657 ✓ *Zonotrichia querula* ♀ 189
brown, black, black

- 4658 ✓ *Zonotrichia querula* ♀ 191
brown, black, black

- 4659 ✓ *Melospiza retyeris* T.M.E. ♂ 200
brown, black, brown, black

- * 4660 ✓ *Polioptila gigas* T.E. ♂ 200
black, black

- 4661 ✓ *Agelaius maculosa insularis* T.M.E. ♂ 200
black, black, black

Sta Clara, Apr 5.

Went on foot up stream to bank along stream.

- * 4662 ✓ *Elaenia obscura* (?) (?) 172
brown, black, black, black

- 4663 ✓ *Oithona leucophrys* imm ♀ 151
brown, black, black

- 4664 ✓ " " ♂ 163

- 4665 ✓ *Salicapsa victorina* T.S.F. ♂ 182
black, black

- 4666 ✓ *Metallura phoebe* ♂ 131
black, black

- ✓
4667 *Epizotomus reguloides nigriventris* ♀ 141
brown, pale, of which
- * ✓
4668 *Grallaria andicola* ♂ 141
brown, black, white, black
- ✓
4669 *Alloxena reticulata* T.M.E. ♂ 214
brown, black, brown, black
- ✓
4670 *Upupa serra* ♀ 218
brown, black, white, black
- ✓
4671 *Idospiza parvula* ♂ 141
brown, black, white, black

La Clara, April 6

- Went down to the river, where I saw many birds of
which I saw some new to me. I saw a large number
of the same birds as in the last trip.
- ** ✓
4672 *Corvus corax* T.M.E. ♂ 118
brown, black, white, black
- ✓
4673 " " ♀ 112
- ✓
4674 " " T.S.E. ♂ 120
black, white, black, white
- ** ✓
4675 *Peleoptera antecularis* T.E. ♂ 131
brown, black, white, black
- ✓
4676 " " T.E. ♂ 124
- ✓
4677 " " ♀ 127
- ** ✓
4678 " " ♀ 141
brown, black, white, black
- ✓
4679 " " T.E. ♂ 147

* 4680 ✓

aplocheilichthys

brown/black, brownish yellow below/black below

**

4681 ✓

Alysiotus tyrannulus chlorepiscus juv ♀ 195

brown/black, leaden

4682 ✓

"

juv ♂ 195

**

4683 ✓

Synallaxis stictothorax maculata ♀ 202

brown/black, dusky, plain below locally/leaden blue

4684 ✓

"

laying ♀ 202

4685 ✓

"

T.E. ♂ 216

* 4686 ✓

Xanthocephalus yucatanicus

yellow, black, black below

T.E. ♂ 320

(4687)

Phaethon rubricauda

brown/black, leaden blue below/leaden blue

♂ 233

4688 ✓

Chrysomitris atricapilla

brown/black/leaden

♀ 266

**

4689 ✓

Knipolegus aterrimus heterogyna T.E.

♂ 190

brown/mulky blue largely/black/black

4690 ✓

"

T.E. ♂ 191

4691 ✓

"

♀ 170

brown/black, brown below black below

4692 ✓

"

juv ♂ 185

Tumbes Pige. Yumamara 3 shot
 " " Sta Clara 4 1/2 "

Temp. Sta Clara = 47° to 66°

Quichu, Apr 10.

Shot below village in bush at 7:10 PM.

4693 ✓ *Myiitis fannyae* (?) T.S.E. ♂ 103
 black black

** 4694 ✓ *Inca spiza* ——— T.M.E. ♂ 156
 brown orange yellow

Rio Marañon, Apr 10 - 5300 ft.

4695 ✓ *Xanthoeca yucas* T.E. ♂ 815
 yellow black same color below

4696 ✓ " " ♀ 292

Haci. Marania, Apr. 10 - 9300 ft.

* 4697 ✓ *Sporophila luctuosa* T.E. ♂ 125
 black white belly.
 brown yellow below black black

	<u>Total skins</u>	<u>Total sp.</u>	<u>new sp.</u>
Suchumian	267	79	33
Yumamara	221	72	31
yomas			
Sta Clara			
	<u>488</u>	<u>151</u>	<u>64</u>

Utarabula (8500ft) April 15.

Shot at Tamber where we spent the night of the 14th.

- **
4698 ✓ *Seytalopus* ♂ 174
Slaty black, with rump, upper tailcoverts, flanks
belly & crissum tawny brown, under parts with
concentric blackish markings, - very large - heavy
feet & tarsus. Tarsus 30; wing 20.
brown | black | brown horn
- *
4699 ✓ *Basileuterus coronatus* ♀ 165
Sides of head & throat ashy, supercilium & palpebral
stripes black, crown tawny rufous
brown | black | yellowish brown
- *
4700 ✓ *Pyrrhomyias cinnamomea* ♂ 146
brown | black | black.
- **
4701 *Scapanus pollens peruvianus* (?) ♀ 370
yellow | blackish horn | leaden horn
Head, neck & upper parts black; from breast down
cinnamon ochraceous, barred with black
white streak from gape down side of neck, &
on to back, where they join; lower back & rump
ochraceous; under wing coverts white; wings
black, barred with white below.

Utarabula, Apr. 16.

Shot along road above Tamber.

- *
4702 ✓ *Mionectes striaticollis poliocephalus* (?) 141
brown | black, tan below flank | leaden blue
- *
4703 ✓ *Myiarchus cephalotes* ♂ 202
whitish wing edgings & outer web of outer rectrices.
dark olive green above
brown | black | black
- *
4704 ✓ *Chlorospingus flavigularis* T.M.E. ♂ 160
grayish white, black, pale horn below | bluish olive
- 4705 ✓ " " T.M.E. ♂ 155
- 4706 ✓ " " ♀ 153

T2-21

X

* 4704[✓] *Heliodoxa leadbeateri* ptero
 (Succinea lineata) black \ black

♂ —

4705[✓] " " " ♀ 134

4706[✓] " " " ♂ 146

Utah, April 17.

Went up main trail about mile, crossed river & went
 up big stream coming in from north, but found
 little; returned & went to Hemingbird bar & shot
 till noon.

** 4710[✓] *Chaetocercus bombus* (?) ♀ 86
 black \ black

* 4711[✓] *Corvus annae* ♀ 96
 black \ black

4712[✓] " " " juv ♂ 99

4713[✓] " " " ♀ 100

4714[✓] " " " juv ♂ 96

4715[✓] " " " ♂ 141

4716[✓] " " " ♂ 139

* 4717[✓] *Heliotheca coelopygia* ♂ 150
 black \ black

* 4718[✓] *Boissonneauia matthewsi* ♀ 127
 from Utah - Utah bird bar black \ black

4719[✓] " " " ♂ 130

- 4720 ✓ *Heliodoxa leadbeateri* ♀ 134
black | black
- * 4721 ✓ *Myiadestes ralloides* (1) T.M.E. ♂ 180
brown | black | brown black
- * 4722 ✓ *Tolmomyias poliocephalus* T.E. ♂ 148
gray-brown black, bluish feet below | leaden blue
- * 4723 ✓ *Cnemotriccus poecilurus peruanus* ♂ 150
brown | black | black
- 4724 ✓ *Myiarchus cephalotes* ♀ 202
brown | black | black
- 4725 ✓ *Piranga testacea techoides* T.E. ♂ 199
brown | black, brownish olive below | dark brown
- * 4726 ✓ *Compsoecma sumptuosa* ♀ 188
brown | black, brown here below, tip black | leaden

Utahraula, April 18.

Went across river up old trail. Bird very scarce
back at 1 P.M.

- 4727 ✓ *Xanthoeca yncas* ♀ 339
yellow | black | black
- 4728 ✓ " " ♂ 354
- ** 4729 ✓ *Basileuterus fraseri* (?) ♀ 134
brown | blackish, dusky feet below | dusky yellow
- 4730 ✓ *Basileuterus coronatus* T.E. ♂ 151
brown | black | dark yellowish brown
- * 4731 ✓ *Myrmotherula schistoides* ♂ 110
brown | black | leaden blue
- 4732 ✓ *Oreopsar amabilis* ♀ 96
black | pink

[18-3]

♀

4733 ✓ *Myiarchus cephalotes*
brown | black | black

♀ 177

4734 ✓ " " "

♀ 175

* 4735 ✓ *Iridosornis analis*
brown | greenish blue, ridge black | black.

♂ 180

* 4736 ✓ *Momotus aequatorialis*
red | black | black

♀ 471

** 4737 ✓ *Pionus*,
brown | pale yellowish, ridge dusky | dusky brown
(very olive)

♀ 295

4738 ✓ " " "
(very black)

♂ 295

** 4739 ✓ *Chamaepetes goudoti rufiventris*
red | black | bright salmon red | skin around eye blue

♀ 666

* 4740 ✓ *Thraupis polaris*
brown | black | black

♀ 198

Utculandia, Apr 19

Rained till 7 AM, cleared up for hour then rain till
P.M. shot around house & at Hummer tree

4741 ✓ *Screatus annae*
black | flesh

♂ 140

4742 ✓ *Boissonneauia mathiisi*
black | brownish black

♂ 134

4743 ✓ *Heliodoxa leadbeateri*
(black) | blackish

imm ♂ 144

* 4744 ✓ *Dendroica fusca*
brown | black, fls below locally | dark brown, feet brownish

♀ 133

4745 ✓ *Iridosornis analis*
brown | olivaceous blue, ridge black | black

♀ 177

[24-5]

Replaced by no. 4761a

30

4746 ~~Tyrannos melancholicus~~
brown/black/black

+ 207

4747 ✓ *Thiaupis polmarum*
brown/black/leaden brown

♂ 197

4748 ✓ *Chlorospingus flavigularis* T.M.E.
gray-white, black, leaden brown below laterally, leaden

♂ 157

4749 ✓ *Xanthoeca yncas*
yellow/black/leaden brown

♂ 244

Utubamba, April 20.

most all birds shot between 5:00 & 6:50 p.m.
Went up main road some distance above first
house coming down. Birds very scarce & terrain
exceedingly difficult. Got a *Pharomacrus*. Got back 12:30

* 4750 ✓ *Adelomyia melanogenys maculata* ♀ 93
black, greenish laterally, pink.

* 4751 ✓ *Henicorbina leucophrys* ♂ 117
brown/black/dark brown.

* 4752 ✓ *Serpophaga cinerea* ♀ 118
brown/black/black

4753 ✓ " " T.S.E. ♂ 118

4754 ✓ *Basilentus fraseri* (?) ♂ T.M.E. ♂ 146
= brown/black, dusky flanks/dusky yellow

4755 ✓ *Basilentus coronatus* ♀ 155
brown/black/dark brown.

* 4756 ✓ *Synallaxis unirufa* ♀ 170
entirely chestnut above, paler below, lower black.
brown/black/leaden blue

* 4757 ✓ *Entomolestes leucotis* ♂ 255
brown/black, salmon red below/black.

* 4758 ✓ *Atlapetes tricolor* T.M.E. ♂ 190
brown/black/salmon brown

4759 ✓ *Atlapetes tricolor* (4333) m. 2. 185
 yellow below & below sides yellow crown
 white point to nose; sides of head & supercilium black

* 4760 ✓ *Nyicchanes ^{furnigatus} ardesioides* ♀ 176
 brown/black, brownish yellow below black

4761 ✓ " " T.E. ♂ 187
 black

* 4761a ✓ *Thamniophilus melanchrous* T.E. ♂ 167
 black, white tips to wing coverts & tail,
 brown/black leaden blue

Ucualanka, April 21,

Went down main road to below second
 bridge, crossed back to this side & went up
 branch quebrada. Birds exceedingly scarce.
 Rained till 6 Am. & everything saturated
 Got 6 birds below, returned at 11 Am & went
 up to Hummer tree. I got back at 12.30 with
 8 birds, all the Hummers except *H. coelestis* &
 also the Dacnis.

4762 ✓ *Oreatus annae* ♂ 136
 black/black

4763 ✓ *Adelomyia melanogaster maculata* ♂ 97
 black/blackish bar

* 4764 ✓ *Leucippus leucogaster* ♂ 117
 white below, brown on throat & breast
 black, flesh below tip black/black

** 4765 ✓ *Cyanolestia m. mocoa* ♂ 144
 black/black

4766 ✓ " " ♂ 131

4767 ✓ *Boissonneauxia matthewsi* ♀ 124
 black/dusky flesh

4768 ✓ " " ♀ 126
 black/black

4769[✓] *Helianthea eolegenia*
black/black

♂ 148

* 4770[✓] *Salpator maximus*
brown/black, brown below locally/leaden brown

♂ 225

** 4771[✓] *Vireo josephæ* T.E.
brown/black, bluish pink below/leaden blue

♂ 130

4772[✓] " " ♀ 131

* 4773[✓] *Elania* — ♀^(?) 147
brown/black, pink below, tip dusky/black

4774[✓] *Tolmomyias poliocephalus* T.E.
gray/black, pink below/leaden blue

♂ 157

* 4775[✓] *Dacnis cayana glaucogularis*
brown-red/black, dusky pink below locally/brownish pink

♂ 134

Utebarula (7,000 to 8,500 ft.) April 22.

Left camp at 4:30 A.M. by mule & reached ref. to
Taruma, back at 2:30 P.M.

** 4776[✓] *Hummer* ♀ 106

Green above; below white with green discs, throat
& sides glimmering green, crossbar glimmering green, long
white, tarsal tufts.
black, pink below locally/dusky pink

* 4777[✓] *Basileuterus sig. signatus* (yellow yellow) T.E.
brown/black, brownish yellow

♂ 160

** 4778[✓] *Myiophobus ochroceiventris* (?) ♂ 133

brown/black, yellow pink below/black

** 4779[✓] *Procnopis branicKii* T.E.
brown/black/leaden brown

♂ 151

4780[✓] " " ♀ 141

- ** 4781 ✓ *Cyclarhis coutrivasi* T.E. ♂ 171
yellow | brown | leaden below | flesh.
- * 4782 ✓ *Tangara xanthocephala* T.M.E. ♂ 139
Black above, rump & streaks on back silver
green; feet, toes & skin black, crown & sides of head
orange; throat blue-green; belly & crown turquoise.
brown | black | leaden blue
- * 4783 ✓ *Pseudocolaptes boissonneaulti medianus* T.E. ♂ 238
brown | black, yellow flesh below & inside | leaden
- * 4784 ✓ *Turdus seiranus* T.E. ♂ 221
brown | orange red | orange yellow
- * 4785 ✓ *Butoropsis cucullata cyanonota* ♂ 248
orange | black | black
- 4786 ✓ " " " ♀ 245
- 4787 ✓ " " " T.E. ♂ 250
red | — | —
- * 4788 ✓ *Cyanolyca viridivirens* | clypea ♂ 344
brown | black | black
- * 4789 ✓ *Oropelia frenata* (♀) longicauda ♀ 322
yellow | black | pink blood
- ** 4790 ✓ *Andigena cucullatus* ♂ 462
greenish yellow | cinnamon cinnamon, base of mand
& band across whole bill yellow, tip of mand
& band at base black | olive | brown | cinnamon | eye
colored blue

Utubamba, Apr. 23.

Skinned birds from yesterday Till 13³⁰ & then
went to hummingbird tree & got following

- ** 4791 ✓ *Dorytera johannæ* (?) imm ♂ 116
black \ black.
- ** 4792 ✓ *Colibri delphinae* imm ♀ 115
black \ blackish
- 4793 ✓ " " (?) 122
- * 4794 ✓ *Colibri cyanoptis* ♂ 123
black \ black
- 4795 ✓ *Cyanolestia m. mocoa* ♂ 141
black \ black.
- 4796 ✓ *Dacnis cayana glaucogularis* T.E. ♂ 133
red-brown \ black, dark flesh below barbel, brownish
flesh.

Utubamba, Apr. 24.

Went on mule up to last trapiche, then on foot up
to Tambo & back. all birds shot between 650 & 850 ft.
mostly between 700 & 800. Back at 2⁴⁵ P.M. Started at
4³⁰ Am.

- ** 4797 ✓ Hummingbird ♀ 110
black \ flesh
- * 4798 ✓ *Helianthaea insectivora* ♀ 150
black \ flesh.
- ** 4799 ✓ *Leptopogon taczanowskii* (?) ♂ 144
brown \ black \ leaden blue
- * 4800 ✓ *Buarremon brunneinucha* T.M.E. ♂ 211
brown \ black \ blackish horn
- 4801 ✓ " " imm ♂ 204

57-17

+

- * 4802 ✓ *Lepidocolaptes lachrymiger warcewizi* ♀ 217
brown / dirty brown, rufous below / olive
- 4803 ✓ *Pseudocolaptes boissonacoti* ♀ 224
brown / black, black / black below / black / olive
- 4804 ✓ *Basileuterus coronatus* T.M.E. ♂ 156
chestnut crown / olive.
brown / black / brownish yellow
- 4805 ✓ *Cyclanthus coutreasi* T.M.E. ♂ 181
yellow / brownish brown, leaden blue below / black
- 4806 ✓ *Myioborus cyaneus* T.M.E. ♂ 195
brown / black, brown / black
- 4807 ✓ *Turdus serranus* ♂ 290
brown / orange / orange yellow
- * 4808 ✓ *Thraupis cyanocephala* T.E. ♂ 200
brown / black, leaden below / leaden
- 4809 ✓ *Cyanolycia viridicyana* ♂ 346
brown / black / black
- * 4810 ✓ *Trogonus personatus* ♂ 283
brown / greenish yellow / yellowish olive
- 4811 ✓ *Cyanolycia viridicyana* ♀ 326

59-17

Utensils supplied including Apr. 27

16 sheets. Tracing paper.

6 " " some paper

16 sheets

$7\frac{1}{2}$	10	12	32
1	4	19	amt.

Utubamba, April 25.

Skinned yesterday's birds till 12 o'clock & then
went to Hummer tree where I got the
following:

- 4812 ✓ *Leucippus leucogaster* ♂ 114
black, flesh below black
- 4813 ✓ " " T.S.E. ♂ 115
- 4814 ✓ *Cyanoloxia m. mocoa* ♂ 145
black black
- 4815 ✓ *Heliodoxa leadbeateri* ♀ 133
black dusky flesh
- 4816 ✓ *Boissonneauia matthewsi* ♂ 134
black blackish
- * 4817 ✓ *Xenops rutilus heterurus* T.M.E. ♂ 134
brown black, flesh below dark leaden
- 4818 ✓ *Tolmomyias poliocephalus* ♂ 150
gray black, flesh below leaden blue
- 4819 ✓ *Heliodoxa leadbeateri* ♂ 147
black blackish

Utubamba, April 26

Went up trail to bridge, crossed river went up west
side of big valley. Had a very hard day & got back
tired out at noon with only 4 birds

- 4820 ✓ *Basileuterus fraseri* (?) T.M.E. ♂ 143
brown black, brownish yellow
- 4821 ✓ *Basileuterus coronatus* (distinct crown stripe) ♀ 155
brown black pale brown
- * 4822 ✓ *Diglossopsis caerulea pallida* ♀ 143
brown black, basal half below yellow black
- ** 4823 ✓ *Arremonops squamiger* ♂ 226
brown black, dusky flesh below leaden blue

Uteaula, April 27.

Crossed river by bridge below home, worked up right side of big stream to muddy road, then back to first bridge over to neck between the two streams & back up to old bridge where I shot the Gallinula & back to home by main road. Left at 6¹⁰ & returned at 12⁰⁰. Birds exceedingly scarce up big valley, almost none.

4824 ✓ *Chaetocercus bombus* ♂ ad. ♀ 90
black \ black

4825 ✓ " " imm ♀ 88

4826 ✓ " " imm ♀ 85

4827 ✓ *Doritiera johannae* (?) ad ♂ 114
black \ blackish

4828 ✓ *Cyanolestia m. micca* T.S.E. ♂ 175
black \ blackish

4829 ✓ *Heliodoxa leadbeateri* ♀ 130
black \ blackish

4830 ✓ *Vireosylva josephae* T.M.E. ♂ 134
brown \ black, bluish flesh below basally \ leaden blue

4831 ✓ " " T.M.E. ♂ 132

4832 ✓ *Basilopterus coronatus* (chest crown sl. y.) ♀ 151
brown \ black \ yellowish brown

4833 ✓ *Myiarchus cephalotes* ♂ 201
brown \ black \ black

4834 ✓ *Oriopelia frenata* ♂ 344
yellow \ black \ pale pink blood.

* 4835 ✓ *Platyrhynchus mystaceus zamorae* ♂ 119
brown \ black, tip of mand. flesh \ bluish flesh

[4-19]

	skins	specimens	spec. new
Macanica	488	151	64
Uteaula	132	64	19
	626	215	83

Uteubamba, Apr. 28.

Spent day drying, labelling & packing birds, putting up slips & misc. work. Expected arrivals today but they failed to appear.

Uteubamba, April 29.

Went up trail about a mile, climbed ridge to woodland above, but found only second growth, large, but very tangled & no birds. Shot the *Phylloscartes* up there. Came down & went up to bridge over river, crossed & worked up to house above & then back down to lower bridge & back to this side & home. Got back at 11:30. No birds anywhere.

- * 4836^v *Phylloscartes ventralis angustirostris* ^{T.E.} ♂ 134
brown/black, pink below throat, leaden blue
- 4837^v *Cnemotriccus poecilurus peruanus* ^{T.M.E.} ♂ 153
brown/black/black
- 4838^v *Myiadestes ralloides* ————— ♀ 190
brown/black, brownish brown below brown horn
- * 4839^v *Myiodynastes* [♂] *chryscephalus* ♀ 225
brown/black, pink at base below dark leaden

32 cartridges loaded
on hand ~~April~~ May 1
- 753 -

Utahaula (near Tumbro) May 3.

Shot on road out to Tayabamba.

** ↓ 4840 *Autocorychus* ♂ 490few brown across throat; yellow crimson red upper
lower throat; chestnut tip to tail; bill.brown / dusky blue, pale apically, laterally black on sides & basal
half of mandible; narrow white band at base from nostril
to gonys & around nostril to angle. / greenish blue.4841 *Oropelia frenata* ♀ 332
yellow / black, purplish blood.Cresty Pass above Tayabamba, May 3* 4842 *Cistothorus platensis* ♂ 138
brown / black, flesh below / yellow flesh.

626 - 215 - 83

7 - 4 - 1

633 - 219 - 84

1951
105
105

Cartavia, May 21 (H.R.R. & MAC)

Went out early (late 1935) & spent 2 hrs in some cultivated land with mangoes, pineapples, oranges etc. also grassy areas. *Formicivora* seems common.

4845^v

1a *Scolecophagus striaticeps immaculatus* ma ♂ 232
brown & black, yellowish yellowish brown

**

2a *Pelecosticta bilineata* T.E. ♂ 119
4846^v brown & black, brown brown blackish brown

4847^v

3a *Myiophobus rufescens* ♂ 131
brown & black, brown brown blackish

4848^v

1a *Pygocichla patagonica peruviana* ♂ 140
brown & blackish brown

** 4849^v

5a *Formicivora leucopus cinnamomeus* ♀ 212
pale buff & black, dusky, pale blackish brown

4850^v

6a *Alimus longicaudus* one T.E. ♂ 301
dusky yellowish black & brown

Cartavia, May 22.

Went on through some fields to look along river. Birds were in low numbers along ditches & in brush at river - nothing seen.

4851^v

7a *Amizilia amazilia* ♂ 110
pale buff & buff black & black.

4852^v

8a

♂ 109

(0-2)

4853^v

9a *Geothlypis aequinoctialis* ^{auricularis} T.M.E. ♂ 120
brown | black, yellow fluff below | yellow fluff

4854^v

10a *Camptacternum obsoletum* Slater, T.E. ♂ 116
brown | black, yellow below basally | black

4855^v

11a *Phyceryias murina inflata* ♀ 135
brown | black | black

4856^v

12a " " " ♂ 152

4857^v

13a " " " ♀ 138

4858^v

14a *Muscivora brevicauda* T.E. ♂ 123
brown | black | brown fluff

4859^v

15a *Elanoides* ♂ 169
brown | black, dusky fluff below | black

4860^v

16a " " " ♀ 166

4861^v

17a *Helodytes fasciatus pallescens* T.E. ♂ 222
hazel | black, fluff fluff below, horn blue

4862^v

~~18a *Spizella socialis* ~~110~~~~
~~brown | black | blackish~~

4862^v

19a *Neotyrichus devicenis* ♀ 120
brown | dusky horn, fluff below, dusky horn

** 4863 ✓

20a *Coccyba mexicana pacifica*
brown, black, dark leaden

♀ 109

4864 ✓

21a *Molothrus purpurascens*
brown, black, black.

♀ 200

Cartagena, May 23.

Went out to river, hunted in brush mostly, some ponds & overgrown bank. No hunting water in river bed.

4865 ✓

22a *Poliophtila bilineata* T.H.E. ♂ 117
brown, black, black below mostly

4866 ✓

23a *Euscarthmus meloryphus fulviceps* T.E. ♂ 112
brown, black, leaden

4867 ✓

24a *Coccyzus cinereus littoralis* T.E. ♂ 112
brown, black, black along back

** 4868 ✓

25a *Melanoparva elegans* T.S.E. ♂ 152
brown, black, brown on head, black on back

4869 ✓

26a " " " " T.S.E. ♂ 156

4870 ✓

27a *Coccyba mexicana pacifica* ♂ 108
brown, black, leaden

4871 ✓

28a *Sarkophorus bairdii* ♀ 190
brown, black, brown on head, black on back

4872 ✓

29a *Zonotrichia capensis* ♂ 153
brown, black, black on head, brown on back

0-4

4873

30a *Melospiza purpurascens* T.E. ♀ 199
brown (black) black.

** 4874

31a *Chondestes motacilla* T.E. ♂ 160
pinkish brown, dull black, top of head black.

4875

32a " " laying ♀ 157

4876

33a *Speotyto cunicularia* ♂ 224
yellow (dark, olive, black, white) dark blue

Cartavia, May 24

nesting on the cliffs and in the rocks in the
cave mouth. In the cave in the
plain of the valley.

4877

34a *Poliopoda bilineata* ♀ 112
brown, black, brown, brown, brown

4878

35a " " ♂ 115

~~4879~~

4879

37a *Sakophanes* ♀ 152
brown (black, pale brown, black, brown, black)

4880

38a *Alysiarchus* ♂ 205
brown (black) black.

4881

39a " " ♀ 202

4882[✓]
40a *Systellura ruficervix decussata* ♀ 216
brown | black | brownish brown

4883[✓]
41a " " ♀ 221

4884[✓]
42a *Chordeiles acutipennis pruinosa* ♂ 201
brown | black | brownish brown

4885[✓]
43a " " ♀ 208

4886[✓]
44a " " ♂ 201

4887[✓]
45a " " ♂ 202

* * 4888[✓]
46a *Icterus gracie-annae* ♀ 209
brown | black | brownish brown | black | black

4889[✓]
47a " " ♂ 222

* * 4890[✓]
48a *Sicalis flaveola valida* ♀ 152
brown | black | yellow | black | black | black

* * 4891[✓]
49a *Pittacula* ♂ 148
brown | silver | black | black | black

4892[✓]
50a " " ♂ 148

4893[✓]
51a " " ♀ 141

4894[✓]
52a " " ♀ 143

633 - 219 - 84

50 - 8 - 8

683 - 227 - 92

18
7
25

Quiruvilca, June 1.

(14,000 ft)

Went up on top of "Talca" + over to coal mine,
collecting in little valley along foot of high rocky
ridges + cliffs, ending at Pumahuasi State Lake.

* 4895[✓] *Asthene flammulata taczanowskii* ♂ 175
brown \ black, leaden blue below, tip black \ dusky olive

4896[✓] " " " " ♂ 190

4897[✓] " " " " ♂ 191

4898[✓] *Asthene h. humilis* ♀ 159
brown \ black, dusky, flesh below basally, 1/2 \ olive, feet blackish

4899[✓] " " " " ♂ 173

4900[✓] *Oethoëca oenanthoides polianota* ♂ 175
brown \ black \ black

* 4901[✓] *Muscisaxicola alpina grisea* ♀ 188
brown \ black \ black

** 4902[✓] *Cnemarchus rufipennis* T.S. ♂ 226
brownish straw \ black \ black

4903[✓] " " " " ♀ 225

4904[✓] " " " " ♀ 230

* 4905[✓] *Pseudochloris uropygialis* (13) ♂ 131
brown \ blackish, leaden at base below \ flesh

4906[✓] *Agriornis montana insolens* T.S. ♂ 255
dusky straw \ black \ black

* 4907[✓] *Thinocorys orbicularis* ♀ 214
brown \ tip black, base orange \ yellow

5-1

Quiruvilca, June 2

Went over top of hills to north of town
shooting at about 1300 ft.

- 4908 ✓ *Asthenes flammulata taczanowski* ♂ 193
brown | black, leaden blue below | above
- 4909 ✓ *Cinclodes fuscus* ♀ 185
brown | black | black
- 4910 ✓ *Grallaria andicola andicola* ♀ 170
brown | black, dusky, pink at base below | black | pink
- 4911 ✓ *Muscisaxicola alpina grisea* ♂ 194
brown | black | black
- 4912 ✓ " " " T.S.E. ♂ 192
- 4913 ✓ *Cnemidophorus rufipennis* ♀ 223
dusky above | black | black
- 4914 ✓ *Phrygilus gayi chloronotus* ♀ 187
brown | black, pink below | brownish pink
- 4915 ✓ *Queretta tenuirostris* ♀ 203
brown | black, pink below | black

Quiruvilca, June 3

Went to lake San Francisco, 4 miles N.W. at 12500 ft.
about 50 ducks on lake & some geese. too large
to shoot from shore. About 20 Anas & 25 yell. ducks.
One adult Bull flying around & 2 geese.

- * 4916 ✓ *Muscisaxicola flavinucha* (X5) ♀ 173
brown | black | black
- 4917 ✓ " " ♀ 200
- 4918 ✓ " " ♀ 195

Quiruvilca, June 4

Went out to Coal Mine & worked wally down to Pumping Station. Saw pair of black & white Ibycter along road, also pair of Colaptes.

- 4919[✓] *Oreotrochilus* _____ ♀ 133
black \ black
- 4920[✓] *Ochthoeca oenanthoides polionota* ♀ 170
brown \ black \ black
- 4921[✓] *Asthenes flammulata taczanowski* ♀ 184
brown \ black, leaden blue below \ olive
- 4922[✓] *Upucerthia validirostris* (?) ♂ 220
brown \ black, flash below dorsally \ bluish green, feet dusky
- 4923[✓] *Colaptes cinereicapillus* ♀ 340
yellow \ black \ dusky olive yellow
- 4924[✓] " " ♀ 342

Same June 4 (A. H. H.)

- ** 4925[✓] *Atlapetes* _____ ♂ 173
brown \ brown, blue gray below \ brown brown
- 4926[✓] *Melanerpes* _____ ♂ 160
brown \ black, leaden blue below \ flesh gray
- 4927[✓] " " ♂ _____
black \ yellow flesh \ brown \ brown \ flesh
- 4928[✓] " " ♂ _____
same as 26
- 4929[✓] *Myiarchus toxos* _____ (?) ♀ 190
brown \ black \ black

683 - 227 - 92

35 - 7 - 2

718 234 - 94

Quiruvilca, June 4

Went over to Coal Mine & worked a little down to Pumping Station. Saw pair of black & white Ibycter along road, also pair of Chaptes.

- 4919[✓] *Oreotrochilus* ————— ♀ 133
black \ black
- 4920[✓] *Ochthoeca oenanthoides polionota* ♀ 170
brown \ black \ black
- 4921[✓] *Asthenes flammulata taczanowski* ♀ 184
brown \ black, lenden blue below \ olive
- 4922[✓] *Upucerthia validirostris* (?) ♂ 222
brown \ black, flesh below dorsally \ bluish brown, feet dusky
- 4923[✓] *Colaptes cyanocephalus* ♀ 340
yellow \ black \ dusky olive yellow
- 4924[✓] " " ♀ 342

Same June 4 (P.M.)

- ** 4925[✓] *Atlapetes* ————— ♂ 173
brown \ brown, blue gray below \ brown below
- 4926[✓] *Melanerpes* ♂ 160
brown \ black, lenden blue below \ flesh gray
- 4927[✓] " " —————
black, yellow flesh below pale brown, feet
- 4928[✓] " " —————
same as 26
- 4929[✓] *Myiarchus cinerascens* (?) ♀ 190
brown \ black \ black

683 - 227 - 92

35 - 7 - 2

718 234 - 94

[4]

me ♀ 200

in 201

f / 199

♀ 175

295

188

♀ 107

150

8130

T.E. 8/32

♀ 11/6

123

6.2

- 4955 ✓ *Basileuterus* (3) ♀ 152
brown, black, yellow fluff
- 4956 ✓ *Myiochanes cinereus* ♀ 146
brown, black, yellow fluff below, black
- 4957 ✓ " " ♀ 145
- 4958 ✓ " " im ♂ (3) 147
- 4959 ✓ " " ♂ 152
- 4960 ✓ *Troglodytes musculus* ♂ 125
brown, black, pink below, tip dusky, dusky fluff
- 4961 ✓ " " ♀ 125
- 4962 ✓ *Ochthoeca leucogaster* ♂ 160
brown, black, black
- 4963 ✓ " " ♂ 164
- 4964 ✓ *Opuntia validirostris* ♀ 218
brown, black, fluff below, brown, fluff
- 4965 ✓ *Sporophila* (3) = (4680) ♀ 115
brown, black, yellow below, black, brown
- 4966 ✓ *Incaspiza personata* im ♀ 144
brown, black, yellow
- 4967 ✓ " " im ♂ 150
dusky yellow
- 4968 ✓ *Synnaes stricklandi* ♂ 147
red-brown, black, random blue
- 4969 ✓ " " ♂ 190

- 4970 ✓ *Cramolinia b. baironi* T.M.E. ♂ 190
gray. breast black, flesh below olive
- 4971 ✓ *Knipolegus aterrimus heterogyna* ♂ 181
brown, iridescent basally, black tip black
- ** 4972 ✓ *Tanagra aeneata palmeri* ♂ 188
brown, black, blackish blue below basally, dark brown
- 4973 ✓ " " " " juv ♀ 121
- 4974 ✓ *Myiothraupis striatocollis* juv ♀ 251
brown, black, black
- 4975 ✓ " " " " juv ♂ 240
- 4976 ✓ *Phaethon chrysoides* T.E. ♂ 225
brown, black, black, black, black, black, black
- 4977 ✓ *Chrysomitris atricapilla* T.E. ♂ 259
brown, black, black, black, black, black, black
- 4978 ✓ " " " " juv ♀ 254
- 4979 ✓ *Troglodytes aedon* T.E. ♂ 210
brown, black, black, black, black, black, black

Cochabamba, June 10

I stayed in to finish birds from yesterday. Robert shot all birds today in hills around Hacienda.

- 4980 ✓ *Myrtis fannyi* ♀ 95
black, black
- 4981 ✓ *Spiziteris reguloides nigricristata* ♂ 133
brown, black, black at base below black
- 4982 ✓ *Thraupis darwini* juv ♂ 190
brown, black, dusky flesh below basally, dark brown

(8-4)

- **
4983 ✓ *Astragalinus psaltria croceus* (1) ♀ 110
brown/blackish apically, bluish brown basally, blackish.
- *
4984 ✓ *Phyrgilus alaudinus bipartitus* juv ♂ 142
brown/brownish brown, ridge black, pinkish.
- 4985 ✓ *Upucerthia validirostris* im ♂ 213
brown/black, dusky, flesh below (especially) pale brown.
- 4986 ✓ " " " ♂ 222
- 4987 ✓ *Piranga testacea tschudii* ♀ 202
brown/black, brown blue below leaden brown
- *
4988 ✓ *Turdus gigas* ♂ 223
brown/reddish orange/orange yellow
- 4989 ✓ *Chrysoptilus atricollis lymani* ♂ 265
brown/black/leaden blue
- 4990 ✓ *Eupelia cruziana* T.E. ♂ 182
straw/yellow locally, black apically, pink blood
- 4991 ✓ *Zenaidura macroura* T.M.E. ♂ 277
brown/black/purplish blood.

Cochabamba, June 11.

We both went down to the river. Rode both in
cane across the river. The water is very
shallow. Started at 6:45 & got back at 10:00

- **
4992 ✓ *Leucophaea* (?) im ♂ 112
black, blue, greenish brown/black
- 4993 ✓ *Tinamotis* (?) ♂ 127
black/brown
- **
4994 ✓ *Geothlypis velata* (1) T.S.E. ♂ 151
brown/black, fine brown/brownish green
- 4995 ✓ " " (1) ♀ —

(13-7)

- 4996 ✓ *Euscartinus melocypus fulviceps* ♂ 111
brown \ black, flesh at base below \ dull leaden blue
- 4997 ✓ *Camptostoma* = 4672 ♀ 113
brown \ black, flesh below \ leaden
- 4998 ✓ " " " ♂ 117
- 4999 ✓ *Myiochanes cinereus* ♂ 153
brown \ black, yellow flesh below \ black
- 5000 ✓ " " " ♂ 157
- * 5001 ✓ *Melospiza flaviatilis* ♂ 161
brown \ black, yellow at base below \ black
- 5002 *Aglaeactis caurimaculata* im ♀ 127
black, yellow flesh at base below \ black
- * 5003 ✓ *Capella parvula ardua* ♀ 244
brown \ brownish drab above, black & yellowish below
- 5004 ✓ *Knipolegus aterrimus heterocyna* ♂ 185
brown \ rusty blue above, black & white below \ black
- 5005 ✓ *Tanagra aurata pelzelni* ♀ 120
brown \ black, under blue below \ leaden blue
- 5006 ✓ " " " ♀ 125
- 5007 ✓ " " " ♀ 123
- 5008 ✓ *Myiothraupis striaticeps* (2) ♂ 254
brown \ black \ black
- 5009 ✓ *Thraupis darwini* im ♂ 193
brown \ black, dark brown below \ leaden blue
- 5010 ✓ *Chrysomitris atricapilla* ♀ 257
brown \ black \ pale brown below

** (15-7)

5011 ✓ *Sicalis* _____ (♂) ♀ 142
dun. fol. line, ridge black, fls.

5012 ✓ _____ T.E. ♂ 168
yellow (olive) yellowish olive

5013 ✓ _____ juv ♀ 153

** 5014 ✓ *Gymnoperis ceciliae obsoleta* T.E. ♂ 203
blue (blue grey orange) black (pink) pink

5015 ✓ _____ ♀ 203
— (orange yellow) — purple pink

* 5016 ✓ *Volaticus jacarini* _____ ♂ 118
brown (black) brown black black

5017 ✓ *Sicalis* _____ (ex 5311) ♀ 134

5018 ✓ _____ long ♀ 136

5019 ✓ _____ ♀ 132

(18-8)

18-8

X

[44]

Cochabamba, June 13

We went on horseback 2 hours ride up to head of valley to a large tract of scrubby, brush & low trees, with several small swampy areas alt. about 10,000 ft. Started at 4 AM. & back at 1:20 P.M.

- ** 5020[✓] *Veniliornis oleagineus obscuratus* ♀ 188
brown \ black, head blue below mainly \ leaden blue
- 5021[✓] *Aglæactis caucatonota* ♂ 122
black, flesh at base below \ black
- 5022[✓] *Spizitornis reguloides nigrocristatus* T.M.E. ♂ 150
brown \ black, flesh below, tip black \ black
- 5023[✓] " " " " imm ♂ 146
— \ black —
- 5024[✓] *Basileuterus* — = no 4955 ♂ 158
brown \ black, brownish yellow
- 5025[✓] " " " " ♂ 157
- 5026[✓] " " " " ♀ 149
- 5027[✓] " " " " ♂ 162
- ** 5028[✓] *Synallaxis azare fruticicola* T.M.E. ♂ 198
brown \ black, head blue below mainly \ leaden blue
- 5029[✓] *Cistothorus platensis gramineola* ♀ 135
brown \ black, flesh below \ flesh
- 5030[✓] *Thlypopsis ornata macropteryx* ♀ 140
brown \ black, leaden blue below \ leaden blue
- ** 5031[✓] *Atlapetes baroni* ♀ 182
brown \ black, yellow at base below \ brown
- 5032[✓] " " " " ♂ 186

(21-1)

X

5033[✓] *Meloxene rutigenis*
hazel | blackish | dark tan

im ♂ 212

5034[✓] " " " "

♂ 207

5035[✓] *Elania obscura stolzmanni*
brown | black, pink below | dark leaden

im. ♂ 163

5036[✓] " " " "

♀ 165

5037[✓] " " " "

♀ 162

5038[✓] " " " "

T.M.E. ♂ 167

5039[✓] *Cranioleuca b. baroni*
brown | black, bluish pink below | blue

♀ 177

5040[✓] " " " "

♂ 185

5041[✓] *Cyclarkhis coutreasi*
yellow | brown tan, leaden blue below | pink

♀ 180

5042[✓] *Nyctheretes striaticollis*
brown | black | black

♀ 247

* 5043[✓] *Heliothraupis (Amphispiza) rubrocapitata*
carmine | blue pink basally, black apically | black

♀ 221

5044[✓] " " " "

♂ 225

Cochabamba, June 13
shot near house.

5045[✓] *Sporophila lutescens albitalis*
brown | leaden blue | black

T.M.E. ♂ 123

5046[✓] " " " "

♀ 126

— | dark horn, pale brown | dark leaden

(22-1)

Cochabamba, June 15

En route to Siquima, about high up the valley

5047 ✓ *Aglæactis caumatonota* ♀ 125
black, yellow fluff at base below black** 5048 ✓ *Pseudochloris citrina* (?) T.M.E. ♂ 136
brown blackish horn, dusky fluff below brown horn

5049 ✓ " " ♀ 137

* 5050 ✓ *Spinus capitalis* ^{longing} ♀ 123
brown black, paler at base below black.5051 ✓ *Ochthoeca leucophrys interior* ♀ 168
brown black black5052 ✓ *Grallaria andicola* ♂ 175
brown black, paler below basally, bluish fluffTalca de Siquima, June 15

On top of range between Cochabamba & Siquima (12000 ft)

~~5053 *Agriornis montana insolens* ♀ 260~~
~~brown black black.~~** 5053 ✓ *Nothoprocta taczanowskii* ♂ 235
brown black, yellow fluff below, tip black, pale yellow* 5054 ✓ *Anas cristata* ♀ 585
brown dark leaden, paler at base; yellow fluff below dusky horn5055 ✓ *Metallura phoebe jelskii* ♀ 120
black black26-13 5056 ✓ *Spizitorio regalis nigrocristatus* ♀ 138
brown black, fluff below black.

5057 ✓ " " ♂ 148

26-13

x

Sogvira, June 16.

Shot near house & on road to Maricao

5058[✓] *Chaetocercus mulsanti* (?) ♀ 73
black / black**
5059[✓] *Psittacula xanthops* ♂ 152
hazel / flesh, band ridge blackish / flesh5060[✓] " " ♂ 1535061[✓] *Myrtis fannoyae* ♀ 96
black / black5062[✓] *Conirostrum cinereum* + ♂ 128**
5063[✓] *Astragalinus psaltria* croceus ♂ 1095064[✓] *Spinus peruanus paulus* (3) + ♀ 1095065[✓] *Cyclarkis contrerasi* ♂ 1715066[✓] *Psittacula xanthops* + ♀ 1605067[✓] " " + ♂ 1505068[✓] *Bolborhynchus aurifrons* + ♂ 1905069[✓] " " ♂ 1965070[✓] " " ♀ 190

28-15

(28-15)

[46]

Sogvian, June 17.

Shot down along road to Maratun, dropping down to perhaps 7500 ft only.

- 5071[✓] *Polioptila* _____ * ♂ 133
brown \ black, leaden below basally \ dark leaden
- 5072[✓] " " " * ♂ 128
- 5073[✓] *Camptosternum* _____ * (P) 116
brown \ black, flesh below \ dark leaden
- 5074[✓] *Geothlypis velata* _____ ♂ 155
brown \ black, flesh below, bp black \ brown leaden
- 5075[✓] *Myiochanes cinereus purpureus* _____ ♂ 145
brown \ black, yellow flesh below \ black.
- 5076[✓] *Catamenia analis* (?) _____ * ♂ 130
brown \ black, bare all around yellow \ dark brown leaden
- 5077[✓] *Phyrgilus alaudinus bipartitus* juv ♂ 149
brown \ blackish, dusky flesh below, bp blackish \ flesh.
- 5078[✓] *Piranga testacea* _____ * ♀ 286
brown \ black, leaden blue below \ dark leaden
- 5079[✓] *Xanthoeca yncas* _____ ♀ 287
yellow \ black \ black.
- 5080[✓] " " " " ♂ 305
- 5081[✓] " " " " ♀ 306
- 5082[✓] *Chrysomitris atricapilla lymani* _____ ♂ 268
brown \ black \ leaden above
- 5083[✓] *Psittacula xanthops* _____ ♂ 158

28-15

alt = 8,400 ft, Temp. { max. 75° } shade. x
min. 55°

(28-15)

Soquian, June 18.

Went down into valley towards Marañon, through heavy brush & low trees. Worked down to about 6500 ft. vegetation much like Tigrera, Colombia, trees now dropping their leaves & making bare.

- 5084 ✓ *Geothlypis velata* ♂ 145
brown \ black, dusky flesh below \ brown horn
- 5085 ✓ *Camptostomum* (pale tail) ♂ 126
brown \ black, yellowish flesh below \ dark leaden
- ** 5086 ✓ *Saltator striatipector peruvianus* ad ♂ 215
brown \ black, gape and tip yellowish \ dark horn
- 5087 ✓ " " ♂ 212
- 5088 ✓ " " ♂ 220
- 5089 ✓ *Catamenia obscura* (4945) ♂ 118
brown \ blackish, dusky flesh below \ dusky horn
- 5090 ✓ *Piranga testacea* ♀ 202
brown \ black, bluish horn below \ dark horn
- 5091 ✓ *Cyclanthus cotrerasi* ♂ 183
yellow \ dark brown horn, leaden blue below \ bluish flesh
- ** 5092 ✓ *Heleodytes fasciatus* (?) ♂ 207
gray \ blackish horn, flesh below \ pale horn
- 5093 ✓ " " ♀ 210
- 5094 ✓ " " ♀ 203
- 5095 ✓ " " imm ♂ 205
brown \ black, tip pale; dusky flesh below \ leaden horn
- 5096 ✓ " " imm ♂ 202
- ** 5097 ✓ *Icterus mesomelas tacazzowskii* ♂ 235
brown \ black, mand. same leaden blue \ leaden blue

(31-18)

31-18

+

[47]

5098 ✓ Myiarchus tyrannulus *chlorocephalus*
(same as St. Lawrence) brown | black | black juv ♀ 186

5099 ✓ " " ♀ 182

5100 ✓ " " ♂ 197

5101 ✓ Incaspiza laeta (T.S.E.) ♂ 158
brown | orange yellow | indian yellow

5102 ✓ " " ♂ 157

5103 ✓ " " T.M.E. ♂ 156

5104 ✓ " " T.E. ♂ 151

5105 ✓ " " T.E. ♂ 151

5106 ✓ " " juv ♂ 150
black, dusky, pink below | pale yellow

** 5107 ✓ Piaya cayana ♂ 440
red | olive green, darker ventrally | leaden

** 5108 ✓ Alimus longicaudus panensis (3) ♀ 326
dusky yellow | black | black

5109 ✓ " " " T.E. ♂ 337

5110 ✓ " " " ♀ 328

5111 ✓ Xanthoeca yncas ♂ 320
yellow | black | black

5112 ✓ Leptoptila verreauxi de. 100 T.M.E. ♂ 295
orange | black | pink blood

33-20 5113 ✓ " " " T.M.E. ♂ 298

33-20

+

Soquian, June 20.

Went up valley toward big cliffs to large tract of
brush & some trees at about 1000 ft.

- 5114[✓] *Agrionis montana insolens* ♀ 260
gray (black) \ black.
- 5115[✓] *Gymnopa ceciliae obsoleta* ♀ 210
bluish white (pink orange) \ black \ flesh.
- 5116[✓] *Metallura smaragdica* im ♂ 105
black, yellowish along inner border and at base below \ blackish
- 5117[✓] *Psaltis pyrrhus victoriae juliae* juv ♂ 128
black \ black.
- 5118[✓] " " " " juv ♂ 118
- 5119[✓] " " " " ♀ 108
- **
5120[✓] *Helianthea* (sp. nov.) ♀ 152
black \ black. (♂ = det 5242)
- **
5121[✓] *Aglaeactis aticae* (?) ♂ 128
black \ dusky flesh
- 5122[✓] " " " ♂ 128
- **
5123[✓] *Seytalopus* ♀ 130
Shiny black above & ashy gray below, darker on
sides & flanks, which are ~~plain~~ dark slate, with
just a trace of brown wash on inner flanks & on
occasional brown \ black, pale brown below basally \ yellowish
brown on inside of tarsi & legs, blackish brown on outside
- 5124[✓] *Basileuterus* (same as *leucolamula*) ♂ 160
brown \ black \ brownish yellow
- 5125[✓] " " " ♂ 157
- 5126[✓] *Salpetera currentii* ♂ 230
brown \ salmon orange \ lead - brown

36-23

5127 ✓ *Atlapetes baroni*
brown | black | blackish

♂ 185

5128 ✓ " "

♂ 180

5129 ✓ *Meloxene rufigenis*
hazel | black | blackish brown

T.S.E. ♂ 204

5130 ✓ *Incaspiza personata*
brown | yellow | yellow

T.M.E. ♂ 178

5131 ✓ *Pseudochloris citrina* (Lach. 5048)
brown | blackish, pale brown below | dark brown

T.M.E. ♂ 132

5132 ✓ *Spinus* _____
brown | black, base below | pale brown | black.

♂ 120

5133 ✓ " "

juv ♂ 122

* 5134 ✓ *Bolborhynchus andicola*
brown (skin dark) | olive blue | olive, paler apically | pale dull olive

♂ 181

5135 ✓ " "

♂ 189

5136 ✓ *Aratinga frontata*
pale hazel | brownish ivory, tip black | dusky flesh

♂ 375

* 5137 ✓ *Columba albilinos* (breeding)
pale bluish | brownish yellow | yellow.

♀ 358

Saguaros, June 21

Went back up to same place as yesterday

5138 ✓ *Metallura smegdinicollis* _____
black | black

♀ 99

5139 ✓ *Aglaeactis aliciae*
black, throat & long neck yellow | blackish

T.S.E. ♂ 125

5140 ✓ " "

T.S.E. ♂ 124

38-23

X

5141[✓] *Aglaeactis aliciae* ♂ 125
(see previous page, 2025-137-40)

5142[✓] " " imm ♂ 127

5143[✓] " " imm ♂ 126

5144[✓] " " imm ♂ 127

5145[✓] *Inca spiza personata* T.M.E ♂ 174
brown \ yellow \ yellow

5146[✓] *Atlapetes baroni* juv ♂ 185
brown \ black, brown \ brown \ dark brown

5147[✓] *Scytalopus* = loc 5123 ♂ 137
brown \ black, part of face brown, yellow inside, dark brown outside

5148[✓] " " ♀ 127

5149[✓] " " ♀ 133

5150[✓] *Ochthoeca leucophrys* ♀ 158
brown \ black \ black

~~5151~~ ~~*Inca spiza personata*~~ ~~♂ 174~~
~~brown \ yellow \ yellow~~

~~5152~~ ~~*Atlapetes baroni*~~ ~~juv ♂ 185~~
~~brown \ black, brown \ brown \ dark brown~~

(38-23)

Chagual (Rurumaron, 4100 ft), June 22.

Shot close to River on a large mesa, partly irrigated & planted with coca, platano, orange & mango trees, & with natural vegetation of acacias & cacti & other arid land trees.

Myiophobus fasciatus crypterythrus

5151 ✓ Flycatcher

(= 4678-9)

T.S.E. ♂ 144

brown \ black, brownish below, black

5152 ✓

"

"

♂ 137

5153 ✓

"

"

♀ 137

5154 ✓

"

"

imm ♀ 141

5155 ✓

Catamenia obscura(cf. Stelodia)

♂ 122

brown \ black, yellow below, dark brown

5156 ✓

Leucippus(cf. Archelaima)

ad ♀ 110

black, feet below, tip black, black

5157 ✓

Piranga testacea

♂ 210

brown \ blackish brown, brownish brown below, dark brown

5158 ✓

Icterus mesomelas

♀ 240

brown \ black, rump, crown leaden blue \ dusky blue,

5159 ✓

"

"

♂ 248

5160 ✓

Saltator striatipennis

T.S.E. ♂ 220

blue-gray \ black, gray & tip black \ olive brown

5161 ✓

Thryomanes tanzenowskii

♀ 132

black \ black.

5162 ✓

Icterus mesomelas

♀ 238

5163 ✓

"

"

♀ 246

5164 ✓

"

"

♂ 252

(38-23)

+

5165 ✓ *Icterus mesomelas* ♂ 248

5166 ✓ *Glaucidium* ♀ 184
yellow / yellowish olive / olive yellow

5167 ✓ *Psittacula xanthops* ♀ 164
brown / flesh, base of ridge blackish / flesh

5168 ✓ " " ♂ 164

Patas, June 24, 1932.

Shot in brush & low trees below road going into Patas, on north sloping ridge.

5169 ✓ *Leucippus* ♀ 111
black; flesh below, up black / black

5170 ✓ *Myiochanes cinereus* ♂ 153
brown / black, yellow / black below / black

5171 ✓ *Phaeomyias murina turnberana* ♂ 140
brown / black, flesh at base brown / dusky black

5172 ✓ " " " ♂ 140

5173 ✓ " " " ♀ 138

5174 ✓ *Geothlypis velata* ♂ 146
brown / black, flesh below basally / brown horn

5175 ✓ " " imm ♂ 153

5176 ✓ *Cyclarhis coutrerasi* ♀ 190
orange / brown horn, leaden blue below / flesh

5177 ✓ *Spinus* ad ♂ 119
brown / dusky horn basally, black apically / black

5178 ✓ *Piranga testacea* ♂ 197
(38-23) brown, black, brown horn below / horn

(37-23)

5179[✓] *Myiarchus cephalotes* (?)
brown | black | black

[50]

♀ 184

5180[✓]

"

"

imm ♀ 173

5181[✓]

"

"

♀ 181

5182[✓]

"

"

♀ 180

5183[✓]

Knipolegus aterrimus heterogyna
brown | milky blue basally | black apically | black

♂ 176

5184[✓]

"

"

"

♂ 182

5185[✓]

Turdus chiguanco
hazel | yellow, orange basally | yellow

♂ 275

5186[✓]

Xanthoeca yncas
yellow | black | leaden black

♂ 322

Patas, June, 25 (Vista Florida)

5187[✓]

Synallaxis stictothorax maculata
brown | black, dusky brown below | leaden blue

(?) 180

5188[✓]

"

"

"

imm ♂ 182

June 25 - Up on water ditch at pt.

**

5189[✓]

Aglaeactis cupreipennis parvula
black, basal $\frac{1}{2}$ below yellow | blackish

♀ 125

5190[✓]

"

"

"

♀ 123

5191[✓]

"

"

"

♀ 126

5192[✓]

"

"

"

imm ♂ 118

(34-24)

39-24

X

5193[✓] *Aglaeactis cupreipennis parvula* (breeding) ♀ 123

5194[✓] " " " " ♀ 121

* 5195[✓] *Chalcostigma stanleyi versigularis* ♂ 124

Crown & nape dark bluish green, back dark shimmering blue; below sooty gray, pale on lower throat; throat patch pointed, glittering green, merging in a streak of glittering lilac, edged with blackish; crown dusky, broadly edged with grayish white; tail deeply emarginate (15 mm) shimmering blue-green below; bill 11 mm. Tail 52. black black

5196[✓] " " " " ♀ 116

** 5197[✓] *Scytalepis* _____ ♂ 130
brown black brown horn

Slate gray, darker above, tertials, nape & upper tail covert black; broadly edged with light brown; flanks & crown black, edged with brownish white.

* 5198[✓] *Ochthoeca fumicolor brunneifrons* ♂ 176
brown black black

5199[✓] *Idiospiza inornata* im ♀ 133
brown brownish flesh locally, blacked apically brown horn

5200[✓] " " " " juv ♀ 140
— black, fine black dusky flesh

5201[✓] " " " " juv ♂ 146

5202[✓] *Anisognathus [Pseudophaps] ignicollis* ♂ 175
brown black black

5203[✓] " " " " ♂ 180

42-25

(42-25)

x

[51]

Patas, June 27

Went up on Eccequia, Robert collected in monte below ditch, & I went up to lakes (12,500 ft) collecting some along upper ditch (11,000 ft) & from there up to lakes & above (up to 13,000 ft).

- 5204[✓] *Metallura smaragdineicollis septentrionalis* ^(?) ♂ 107
black \ black
- 5205[✓] " " " ♂ 105
- 5206[✓] *Chalcostigma stanleyi versigularis* ♀ 118
black \ black
- 5207[✓] " " " ♀ 114
- 5208[✓] *Aglaeactis cupreipennis parvula* ♂ 121
black, yellow fluff basally, below \ blackish
- 5209[✓] " " " ♂ 125
- 5210[✓] " " " ♀ 119
- 5211[✓] *Cistothorus platensis* — ♂ 134
brown \ black, fluff below, \ fluff
- 5212[✓] *Spizitornis reguloides microcristatus* ♂ 138
brown \ black, fluff below, up dark, \ black
- 5213[✓] " " " ♂ 138
— \ black, fluff at extreme low below —
- **
5214[✓] *Ochthoeca albididivisa spodiota* ♀ 137
brown \ black \ black
- 5215[✓] *Ochthoeca rofopectoralis centralis* ♂ 151
brown \ black \ black
- 5216[✓] *Upucerthia serrana* ♀ 207
brown \ black, fluff below basally \ fluff

(43-26)

- 5217[✓] *Scytalopus* _____ (= 5197) ♀ 126
brown | black | yellowish brown
- 5218[✓] " " " T.E. ♂ 123
- 5219[✓] " " " imm ♀ 129
- 5220[✓] " " " ♂ 126
- **
5221[✓] *Asthores urubambensis huallogae* imm ♀ 162
brown | black, brown at base below olive
- 5222[✓] " " " ad ♀ 172
- 5223[✓] *Asthores flammulata taczanowskii* ♂ 183
brown | black, leaden blue below | dusky olive
- 5224[✓] " " " ♂ 169
- 5225[✓] *Melospiza rufigenis* ♂ 209
hazel | black, blackish below | brownish horn
- *
5226[✓] *Muscisaxicola maculirostris* ♂ 154
brown | black, basal & below yellow | black
- 5227[✓] " *alpina grisea* ♀ 195
brown | black | black
- 5228[✓] *Vermilionis oleagineus obscuratus* ♂ 198
brown | black | leaden olive
- 5229[✓] *Arallaria andicola* ♀ 169
brown | black, dusky flesh at base below | pale leaden blue
- 5230[✓] " " " ♀ 168
- 5231[✓] *Diglossa brunneiventris* ♂ 153
brown | black, leaden blue below basally | black
- (45-27)
5232[✓] " " " ♂ 154

- 5233 ✓ *Diglossa sittoides intermedia* juv ♂ 135
brown \ black, fluff below \ blackish brown
- 5234 ✓ *Nothoprocta curvirostris* T.E. ♂ 285
brown \ black, fluff below \ pale yellow.
- 5235 ✓ *Anas cristata* T.E. ♂ 650
orange \ leaden blue, nail black; orange below \ dark, drab.
- 5236 " " ♀ 520

Patas, 29 of June.

We both went up to forest of brush, mountains & shrubbery just below the main ditch (about 1000 to 10600).

- 5237 ✓ *Psittacus (victoriae juliae)* juv. ♂ 108
black \ black
- 5238 ✓ *Metallura smaragdinae septentrionalis* ♂ 109
black \ black
- 5239 ✓ " " " ♂ 107
- 5240 ✓ " " " ♀ 97
- 5241 ✓ *Agelaius cupreipennis parvula* ♂ ♀ 121

- 5242 ✓ *Helianthaea* (sp. nov. f) ♂ 160
W=85; T=58 (♂ to ♀ from Seguin.) black \ black.

Back bronzy green, becoming copper on upper part; nose green; occiput shining coppery green; median portion of crown (narrow in front of eye & widening behind) glittering dark blue, surrounded by a band of glittering copper, which becomes slightly greenish in front; whole throat glittering green; chest shining green; green; breast & belly dull cinnamon, slightly washed with green on upper part; crissal bright cinnamon; primary & tips of secondary black with purplish; rest of secondary & tertiary cinnamon rufous, also inner coverts & axillaries upper coverts color of back; upper tail coverts & tail chestnut rufous; rectrices tipped with bronzy green.

- * 5243 ✓ *Spizitornis parulus aequatorialis* T.E. ♂ 119
brown \ black \ black
- * 5244 ✓ *Macrocerculus stictopterus taeniopterus* T.E. ♂ 137
brown \ black, white mesially at base below \ black
- 5245 ✓ " " " " ♀ 131
- 5246 ✓ *Macrocerculus leucophrys rotomarginata* ♀ 153
brown \ black, flesh at base mesially below \ black
- 5247 ✓ " " " " T.E. ♂ 156
- * 5248 ✓ *Anthus bogotensis* T.E. ♂ 162
brown \ black, flesh below, top black \ flesh.
- 5249 ✓ *Atlapetes birgini* juv (?) 175
gray \ blackish, pale brown below \ pale brown
- 5250 ✓ *Atlapetes rotigenis* T.E. ♂ 207
hazel \ black \ dark brown
- 5251 ✓ *Anisognathus*
Poecilothraupis lunulata ignicrissa ♂ 186
brown \ black \ black
- 5252 ✓ " " " " ♀ 187
- 5253 ✓ *Cranioleuca baroni* ♀ 181
hazel \ blackish, flesh below \ brown
- 5254 ✓ *Spirus* (= *Cranioleuca* ♀) juv ♀ 122
brown \ blackish, flesh below \ black.

(49-26)		total stem	total open	new to coll.
<i>Quirindia</i>	=	718	234	94
<i>Cochabamba</i>	}			
<i>Seguam</i>		325	49	28
<i>Platan</i>		1043	283	122
		even	3	
			280	

Alto above Patas (1000 ft) July 4.

5255 *Nothoprocta curvirostris* punched layup
♀ 300
brown \ black, flesh below \ yellow flesh.

Cajamarca, July 8 (9500 ft)

shot in clump of trees & thick high up on mountain side.

5256 *Spizitornis parvulus* T.M.E. ♂ 130
brown \ black \ black

Bambamarca (10000 ft) July 8.

shot on open galca.

5257 *Muscisaxicola juncoensis* (chestnut crown) T.E. ♂ 190
brown \ black \ black.

5258 *Psaltidoprymna* ♀ 132
(may be different from *Sasanius* - 12)
black, flesh at base below \ black
golden bronze above & spot below; crown tawny ochraceous.

Callangate (timberline) July 10.

Taken in trail of brush & low trees in valley.

** 5259 *Metallura theresiae* T.E. ♂ 114
(copper back-type *Sayornis*)
black \ black

5260 " " T.E. ♂ 111

5261 " " imm ♂ 114

5262 *Chalcostigma stanleyi* *versicoloris* T.S.E. ♂ 132
black \ black

5263 *Asthenes flammeolata taczanowskii* ♀ 197
brown \ black; leaden blue below \ pale olive

5264 *Grallaria andecola* ♂ 173
brown \ black, pale brownish at base below \ black brown

5265 " " ♀ 165

(1) upper chest dark chestnut, the posterior edge pale, rufous, with some pale ochraceous in middle; yellow; malar stripe white, crown chestnut.

5266 *Diglossa pectoralis*

T.M.E. ♂ 160

seems different from junior bird
brown \ black \ black

Cajamarquilla, July 10

**

5267 *Hemispingus*

♀ 168

brown gray above; lower long superciliary white; below
whitish, with wide streak of chestnut down sides of
throat & chest, pale posteriorly; crown & sides of head blackish
brown \ black, pale below brownish brown

* 5267a *Pterophanes c. cyanoptera* (Lundberg)

♂ 190

black \ dusky flesh

Cajamarquilla, July 11

5268 *Metallura smarydincellis*

♂ 106

black \ black

5269 *Spiziterpis reguloides nigricephala*

♂ 145

brown \ black, flesh below, top black \ black

5270 *Leptasthenia andicola peruviana*

skull
egg. ♀ 180

brown \ black, flesh at base below \ black

5271 *Cebthoen leucophrys interior*

♀ 160

gray below; white superciliary & hair brown above,
rufous edges to greater coverts; outer web of outer rectrices white,
brown \ black \ black.

5272 *Arallia andicola*

♀ 165

brown \ black, brownish at base below \ pale bluish brown

5273 *Muscisaxicola alpestris grisea*

(?) 199

brown \ black \ black

5274 *Columba albilinea*

♂ 380

shawn \ Indian yellow \ Indian yellow

Cajamarguilla, July 12.

- 5275 *Pterophanes c. cyanoptera* (= no. 5267) ♀ 175
black \ flesh.
- 5276 *Spizitermis reguloides nigricollis* ♂ 145
brown \ black, flesh brown, tip dusky \ black.
- 5277 *Muscicapula maculirostris* ♂ 154
brown \ black, base $\frac{1}{2}$ below yellow \ black.
- 5278 " " ♂ 157
- 5279 " *jundensis* ♀ 177
brown \ black \ black.
- 5280 *Spinus* _____ (= *cochlearius* V. Linn.) imm ♂ 123
brown \ black apically, crown brown \ black.

Las Quinmas, July 14.

Shot in timber-line scrub just above hamlet, at
about 10000 to 11000 ft.

- 5281 *Metallura phoebe jelskii* ♂ 132
black \ black.
- 5282 " " " ♂ 132
- 5283 " " " T.S.E. ♂ 132
- 5284 " " " ♂ 134
- 5285 " " " ♀ (?) 122
- 5286 *Chalcostigma stanleyi versigularis* ♂ 128
black \ black.
- 5287 *Pterophanes c. cyanopterus* ♀ 179
black \ flesh.

(4-2)

5288 *Metallura theresiae* ♀ 106
black/black

5289 " " ♀ 110

5290 " " imm ♀ 110
black, flesh below basally/dusky flesh

5291 *Troglodytes musculus puna* ♀ 132
brown/black, flesh below basally/flesh.

5292 *Ochthoeca formicolar brunneifrons* ♂ 168
brown/black/black

5293 " " ♂ 175

5294 *Grallaria andicola* ♀ 171
brown/black, brownish at base below/ab. bluish flesh

5295 *Cnemidophorus rufipennis* T.E. ♂ 223
brown/black/black.

Atlixén, July 15.

Shot in small trail, low tangled woodland on slope
of valley, at about 11000 ft.

5296^v *Vesti-pedes catherina* ♀ 126
black/black

5297^v *Ochthoeca albidiventer expeditonota* ♂ 135
brown/black/blackish

5298^v " " " ♀ 138

5299^v *Spizitornis parulus aequatorialis* ♀ 120
brown/black/black

* 5300^v ^{squamigera} *Margarornis perlatana* ♂ 173
brown/black, flesh below/dusky brown

(6-3)

- 5301^v *Ochthoeca rufopectoralis centralis* (??) 148
brown \ black \ black
- 5302^v *Cistothorus platensis graminicola* ♀ 126
brown \ black, flesh below \ flesh
- * 5303^v *Troglodytes solstitialis macrourus*(?) ♀ 116
brown \ black, flesh below locally \ flesh.
- * 5304^v *Myioborus melanacephalus* ♂ 157
brown \ black \ black.
- 5305^v " " ♀ 147
- 5306^v " " ♀ 150
- 5307^v " " ♀ 149
- ** 5308^v *Buarremon a. assimilis* ♂ 215
brown \ black \ brownish black.
- 5309^v *Menocerculus leucophrys rufomarginata* ♀ 156
brown \ black \ black.
- 5310^v " " ♂ 160
- 5311^v " " ♂ 168
- 5312^v " " ♀ 155
- 5313^v *Xenodacnis parina* ♂ 152
brown \ black \ black.
- 5314^v *Ochthoeca fumicolor brunneifrons* ♂ 178
brown \ black \ black.
- ** 5315^v *Cranioleuca bairdi capitata* ♂ 168
gray \ black, flesh below \ flesh.

10-3

Atuén, July 16.

Both hunted in brush & woodland above town.

5316[✓] *Vestipodes catherinae* T.S.M. ♂ 128
black\black

5317[✓] *Troglodytes solstitialis* ♂ 128
brown\black, flesh below tan\darky bluish flesh

5318[✓] *Cistothorus platensis gramineola* ♀ 128
brown\black, flesh below\flesh

5319[✓] *Meerocerculus stictoptera* ♀ 133
brown\black, flesh below, up back\leaden

5320[✓] *Ochthoeca rosopectoralis centralis* ♀ 143
brown\black\black

5321[✓] " " " ♂ 150

5322[✓] " " " ♀ 147

5323[✓] *Scytalopus* cc ♂ 128
Dark slate above, pale, slate gray below; flanks & crown
tawny brown, unbarred; back & rump, dark slate brown,
upper tail coverts more tawny; brown extends up on nape
& occiput, nearly to eyes; quills very even brown; tail dark
brown.
brown\black\pale brown below

5324[✓] *Schizoecca fuliginosa peruviana* ♀ 190
brown\black, pale brown at base below\leadens blue

5325[✓] " " " ♂ 214

5326[✓] " " " ♀(?) 205

5327[✓] " " " ♂ 209

**

5328^v *Cranioleuca* (♀)
bright hazel \ pale horn blue, darker at nostril \ olive

♀ 174

5329^v " " "

5330^v *Margarornis squamigera perlata*
brown \ black, flesh below \ blackish horn

♀ 153

5331^v " " "

♀ 162

5332^v *Xenodacnis parina*
brown \ black \ brownish black

♀ 139

5333^v *Cranioleuca bairdi capitis*
dusky above \ blackish, flesh below \ horn

♀ 177

5334^v *Anthus bogotensis*
brown \ black, flesh below, tip black \ flesh

♂ 168

5335^v *Cnemidarchus rufipennis*
brown \ black \ black

T.E.

♂ 224

5336^v " " "

♂ 223

Aterén, July 17

Went up to lake & worked woodland above to east of lake.

** 5337^v *Metallura rubiginosa*
black \ black

T.E. ♂ 115

5338^v " " "

♂ 114

5339 *Metallura sinuata* (♀)
black \ black

♂ 109

5340^v *Vestipedes cathartus*
black \ blackish

♀ 127

5341^v " " "

♀ 125

13th5342^v *Vestipodes catharinae* ♂ 1255343^v " " ♂ 1295344^v *Trogodytes solstitialis* ♂ 122
brown/black, pink below anally, pink5345^v *Scytalopus* = 5323 ♀ 121
brown/black, brownish below/brown below5346^v *Ochthoeca albicaudata* ♀ 133
brown/black/black5347^v *Schizoea feligera peruviana* ♀ 195
brown/black, pink at base below/lead blue5348^v " " ♂ 1925349^v *Cranioleuca* = 5328. ♂ 184
red-brown/pale brown below, dark red below/white5350^v *Qaillana andersoni* T.S.E. ♂ 162
brown/black, brown below/dusky bluish pink5351^v *Diglossa peruviana* T.E. ♂ 160
brown/black/black5352^v *Xenodacnis peruviana* ♂ 153
brown/black/brownish5353^v *Cranioleuca baroni capensis* ♂ 176
gray/blackish brown, pink below/white5354^v " " ♀ 172* 5355^v *Hypoxanthus rivolii* ♂ 275
brown/black/blackish modulating** 5356^v *Qaillana jamesoni* ♂ 302
brown/dark brownish brown, pink below/white

(15-9)

5-9
*

5357^v *Dafila spinicauda*
brown \ yellow, ridge black \ olive drab, joints dusky.

* 5358^v *Colymbus occipitalis virginensis*.
red \ black, \ dusky brown, lobes pale drab. ♂ 280

Alston, July 18.

Red went to patch of mounds at foot of cliff & then to piece above house. I went up slope on opposite side of valley & up long strip to above lake & back by lake.

5359^v *Metallura* _____ = 5337 ♀ 94
black \ black

5360^v *Chalcostigma stanleyi versigularis* T.E. ♂ 133
black \ black

5361^v *Vestipodas catharinae* ♀ 124
black \ black

5362^v " " " ♀ 125

5363^v *Pterophanes cyanoptera* imm ♂ 188
black \ flesh.

5364^v " " " ♀ 180

5365^v *Spizitorus parvulus* ♀ 118
straw \ black \ black

5366 *Scytalopus* _____ imm. other ad ♀ 128
brown \ black \ pale brown brown

5367 " " " ♀ 120

5368 " " " imm ♂ 125

5369 " " " imm ♀ 117
feet dusky brown

5370^v *Orthoeca albididivisa* *spodionota* ♂ 140
brown/black/white

5371^v *Schizoecca fuliginosa peruviana* ♀ 200
hazel/black, leaden below laterally, leaden brown

5372^v *Triglydytes musculus peruviana* T.S.E. ♂ 134
brown/black, flesh below laterally, dusky flesh

5373^v *Cistothorus platensis* ♂ 137
brown/black, flesh below, dusky flesh

** 5374^v *Conirostrum cinereum* ? ♂ 128
This bird is bright buffy ochraceous below, much
like the coastal bird *C. c. littorale*, but cannot be that bird.
brown/black/white

5375^v " " imm ♀ 123

5376^v *Aethias flammeolata fazconowskii* T.E. ♂ —
brown/black, flesh below laterally, olive

5377^v *Margarornis squamigera perlata* ♂ 172
brown/black, flesh below, brown/black

5378^v " " " ♀ 163

5379^v *Diglossa sittoides* imm ♀ 144
brown/black, flesh at base below, brown/black

5380^v *Craniolucca* (rufous chest) ♂ 185
red-bayle/pale brown line, dusky at throat, rufous

5381^v " " imm ♀ 183

** 5382^v *Grallaria* sp. nov. (T.S.E.) ♂ 180
Dark olive above, brown, supercilious stripe + smaller
region tawny rufous, cinnamon darker, rufous below
throat cinnamon ochraceous; breast ^{green} plain brown, feathers
luffed with white; belly white; cinnamon tawny
ochraceous; under wing coverts cinnamon rufous,
quills sooty gray below
brown/black, pale brown at base below, dusky brown

- ** 5383^v *Grallaria ruficapilla albiforis* (?) ♀ 210
 does not agree with description, having
 auricular deep chestnut, with only a touch of
 buff on posterior edge, otherwise close to description
 brown/black, leaden blue below, up black/leaden blue
- 5384^v *Xenodacnis perina* ♀ 143
 brown/black blackish
- 5385^v *Idiopiza* _____ same as *Idio.* ♀ 139
 brown/pale brown brown, flesh below dusky flesh, feet blackish
- 5386^v *Capella paraguayae andina* ♂ ♀ 248
 brown/brown brown locally on edge, black apically & dorsally, brown
 blue locally below yellowish olive
- 5387^v *Nothoprocta curvirostris* T.E. ♂ 308
 brown/black, yellow below, up black/pale yellow.
- * 5388^v *Falco sparverius* _____ ♂ 275
 brown/care orange/pale brown locally, black apically, yellow

Atuén, July 19.

Had meant up to big marsh in valley & to some
 woodland in side valley. I went back up to
 more or less same place as yesterday, only
 did not go to woodland above lake, came back
 same way went up.

- 5389^v *Corinostomus cinereus* _____ (?) ♂ 130
 brown/black black
- 5390^v *Metallina rubiginosa* ♀ 109
 black/blackish
- 5391^v *Vestipodes catherinae* ♂ 126
 black/black
- 5392^v *Agelaius cupiepsus perula* (?) 119
 black, yellow flesh below, up black/dusky flesh
- 5393^v *Troglodytes sclateri* ♂ 122
 brown/black, flesh below bluish flesh

21-12
5394^v *Soytalopus* _____
brown / black / ^{light} brown horn

♀ 126

5395^v " "

♂ 132

5396^v " "

♀ 121

* 5397^v *Oreochelidon murina*
brown / black / dusky flesh

♂ 142

5398^v " "

♀ 138

5399^v *Schizoecca feliginosa peruviana*
brown / black, flesh at base below / leaden blue

♀ 194

** 5400^v *Atlapetes l. latirostris*
red-brown / black / brown horn

♀ 180

** 5401^v *Asinognathus lunulata intercedens* T.M.E.
brown / black / black

♂ 189

5402^v *Cranioleuca* _____ (rufous, chest black)
gray / pale to blue, male dusky / olive

♂ 180

5403^v *Diglossa pectoralis*
brown / black / black

T.E. ♂ 163

5404^v " "

imm ♂ 157

** 5405^v Flycatcher near *Myiothraupis*
above head & neck, almost white gray, streaked
with white on breast & upper throat; back dark grayish
brown; rump & upper tail with cinnamon brown
wings blackish, with white patch on tertial
inner wing coverts, lower breast & vent below
cinnamon rufous; tail basal 3/4 rufous, tip
blackish
brown / black / black

♂ 250

5406^v *Colaptes cinereicapillus*
straw / blackish / yellow

♂ 365

5407^v " "

♂ 374

Birds observed at Atacama, not collected

- Turdus giganteus*
- Muscivora alpina gularis*
- Agelaius montana* *iridescens*
- Coereba bartholemica*
- Philoscops splendens*
- Ruddy Duck
- Querquedula puna*
- Nettion
- Zonotrichia capensis*
- Andean Duck
- White-bellied Coot
- Heliothra rubicincta*
- Pyrgeus nivalis*
- " *plebejus*
- Upucerthia validirostris*
- Aythya humilis*
- Condor
- Turkey Vulture
- Circus fuscus*
- Black Caracara Hawk

	total skins	total sp.	new sp.
Patas	1043	280	122
Atacama	152	25	15
Total -	1195	305	137

5 $\frac{1}{4}$ sheet, mainly cone poles & 3 $\frac{1}{4}$ sheet
common used between Patas & Atacama
(including latter loc.)

Roll of fine cotton started first day at
Patas. — finished at —

Road between Ntuen & Lemmatamla, July 21

Psalidopygma (1000 ft) mostly others between 7500 & 9000 ft in heavy forest.

- ** 5408^v *Diphogena iris iris* ♂ 150
black / brownish flesh
- 5409^v *Adelomyia melanogenys maculata* ♂ 101
black / pale brown
- 5410^{Atuen} *Psalidopygma victoriæ julia* ♂ 182
black / black
- 5411^{Atuen} " " " imm ♂ 152
- 5412^{Atuen} *Metallura smaragdina septentrionalis* (?) ♀ 98
black / black
- 5413^v *Basilopterus signatus* ♂ 170
brown / black / brown brown
- ** 5414^v " *coronatus elatus* ♂ 161
brown / black / brown brown
- 5415^v " " " ♂ 154
- 5416^v *Thamnophilus melanchreus* ♂ 167
brown / black, leaden at base below / leaden blue
- 5417^v *Micnectes striaticollis poliocephalus* ♀ 144
brown / black, leaden brown at base below / leaden brown
- 5418^{Atuen} *Alapotes l. latirochus* imm ♂ 185
brown / black / blackish brown
- 5419^{Atuen} " " " ♂ 190
- 5420^v *Pyrrhomyia c. cinnamomea* imm ♀ 138
brown / black / black

2.2
**

5421[✓] *Ochthoeca thoracica angustifasciata*
brown black

♂ 152

5422[✓] " " "

♂ 151

5423[✓] *Myiochanes fumigatus aedonaeus*
brown black, yellow patch below black

T.E. ♂ 192

5424[✓] *Procnopis branicorii*
brown black black

♂ 127

5425[✓] *Thraupis cyanocephala*
brown black leaden

♂ 194

* 5426[✓] *Psittospiza riefferi elegans*
red brown crimson dark scarlet

♂ 223

* 5427[✓] *Cinclus leucocephalus*
brown black leaden blue, black behind

T.S.F. ♂ 185

5428[✓] " " "

T.S.F. ♂ 173

5429[✓] *Cyanolyca viridicyana jolyana*
brown black black

♀ 334

5430[✓] " " "

♂ 347

* 5431[✓] *Penelope sclateri plumosa*
brown black salmon red

♂ 590

5432[✓] " " "

♀ 590

6-3

Laysan Island, July 23.

Worked above village, up to about 7600 ft, partly in open brush, second growth, & partly in virgin forest.

** 5433^v *Psittidopygia gouldi chlorura* ♀ 110
♀ with white extending to end of rectrix
black \ black

5434^v " " ♀ 109

5435^v *Adelomyia melanogenys maculata* ♀ 100
black \ dusky flesh, joints blackish

* 5436^v *Euscarthmornis granadensis pyrrhops* ♀ 114
brownish above \ black, brownish below \ bluish flesh

5437^v " " " ♂ 120

** 5438^v *Synallaxis albescentis albicollis* (Teb) ♀ 177
hazel \ black, dusky blue below \ olivaceous-brown

** 5439^v *Scytalopus* (?) juv ♂ 132
immature bird, heavily barred with black & fulvous
on flanks. Throat dusky. Barred black & white.
brown \ black \ brown-brown

5440^v *Ochthoeca thoracica angustifasciata* ♂ 138
brown \ black \ black

5441^v *Troglodytes musculus albicans* T.E. ♂ 129
brown \ black, pale below \ bluish-brown

5442^v *Micropus striaticeps poliocephalus* ♀ 135
brown \ black bluish flesh below, tip black \ dusky blue

5443^v *Margarornis squamipera perlata* ♀ 162
brown \ black, bluish flesh below \ dark brown

5444^v " " " ♂ 169

**

5445^v *Elanoides* (15) ♀ 161

Entire upper parts (including palm) deep brownish olive; concealed white on crown; double wing bar, upper one dusky yellowish, lower white; secondaries edged apically with pale yellow; inner orbital with outer with white; 4 next two with tip edged white; below, rich sulphur, throat, sides & flanks grayish olivaceous, under wing coverts pale sulphur brown \ black, flank below black.

5446^v " " ♀ 160

** 5447^v *Buarremon a. assimilis* juv ♀ 198
brown \ yellow, bar above black \ pale brown

* 5448^v *Myiarchus tuberculifer atriceps* ♂ 208
brown \ black \ black.

* 5449^v *Sayornis nigricans latirostris* ♀ 182
brown \ black \ black.

* 5450^v *Veniliornis olivaceus fumigatus* (P) ♂ 200
brown \ black, pale below below broadly \ leaden

5451^v *Lepidocolaptes lachrymiger warszewitschii* ♀ 227
brown \ pale brownish brown, bluish black below \ olive

5452^v " " " ♀ 230

5453^v " " " ♂ 231

5454^v *Pseudocolaptes boissonnati medianus* ♂ 241
brown \ black, throat & ridge below yellow \ tan
olive, feet leaden

* 5455^v *Tangara a. argentea* ♂ 144
brown \ black \ dark leaden

5456[✓] *Procnopis branicki*
brown \ black \ leaden

♂ 148

5457[✓] " "

♀ 137

5458[✓] " "

♀ 142

** 5459[✓] *Pipreola pietteri chachapoyas*
red-brown \ dark vermillion \ scarlet

♂ 208

5460[✓] " " "
blackish, tinged red around base \ acc. dit

imm ♂ 205

5461[✓] *Scapanus pollens peruviana*
straw \ blackish brown \ leaden brown

♂ 360

5462[✓] " " "

♀ 358

5463[✓] " " "

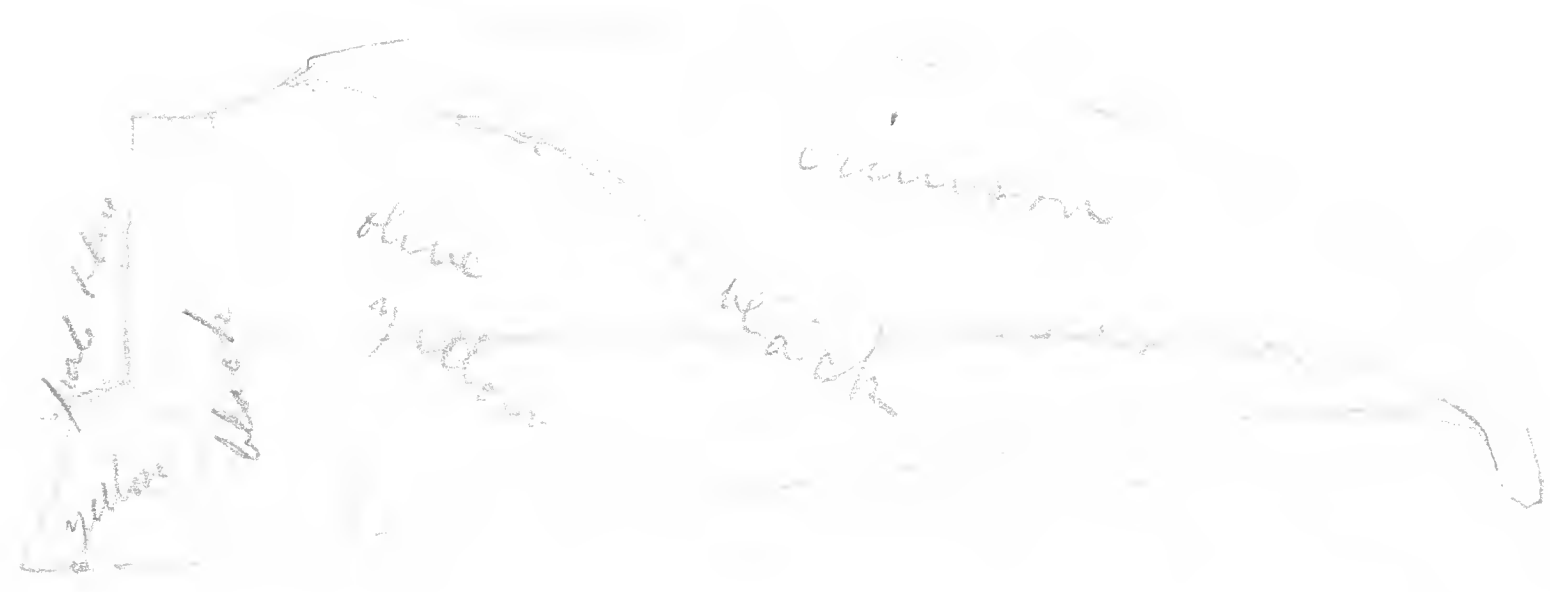
imm ♀ 355

5464[✓] *Andigena hypoleucos lateralis*
yellowish olive \ ——— \ olive

♂ 497

5465[✓] " " "

♂ 485



17-4

Lepidocaula, July 25.

- 5466[✓] *Adelomyia melanogenys maculata* ♀ 99
black, flesh at base below \ dusky flesh
- 5467[✓] *Diplogyna iris* T.E. ♂ 142
black \ blackish
- ** 5468[✓] *Thamnophilus* ♂ 172
red base \ black, leaden blue below \ leaden blue.
Chestnut fulvous, band breast (black & white) + tail blackish
with large white spots across inner web
- 5469[✓] *Basileuterus coronatus elatus* ♂ 163
brown \ red \ dusky brownish tan
- 5470[✓] " " " ♀ 154
- 5471[✓] " *signatus* ♀ 155
brown \ black, \ pale yellowish brown
- ** 5472[✓] *Thlypopsis inornata* imm ♂ 137
brown \ black, black flesh below, up leaden \ leaden blue
- 5473[✓] *Scytalopus* (♀) ♀ 133
brown \ black \ pale brown from
Seem like first bird taken at Atene, described on card
- 5474[✓] *Buarremon assimilis* T.M.E. ♂ 203
brown \ black \ dusky brown
- 5475[✓] *Grallaria ruficapilla sibilatrix* T.M.E. ♂ 206
brown \ black, base blue below \ leaden blue
- 5476[✓] *Lepidocolaptes lachrymiger warreni* ♂ 232
brown \ dark brown from, from blue below \ dusky
- 5477[✓] *Elaenia* (=5466) ♀ 155
brown \ black, flesh below, up black \ black
- 5478[✓] " " " T.E. ♂ 164

19-11

[63]

5479^v *Anisognathus tunicata* intercedens im ♀ 184
brown | black | black

* 5480^v *Turdus nigriceps* im ♂ 328
brown | blackish basally, brownish apically, gape yellow
feet pale yellowish brown.

5481^v *Diglossopsis caerulea* ♂ 150
red | black | black.

** 5482^v *Diglossa albilatera schistacea* T.M.E. ♂ 124
brown | black | black.

5483^v " " " ♀ 135
— | — | brownish brown

5484^v *Atlapetes l. latirostris* ♂ 185
red-brown | black | dark brown

5485^v *Cyclarhis coutrerasi* ♂ 177
yellow | brown brown, leaden blue below | black.

5486^v ^{SO}*Iridopis reinhardti* (?) ♂ 177
brown | black, leaden blue below | black

5487^v " " ♂ 177

5488^v " " ♀ 180

** 5489^v *Pseudothraupis polioptila caerulea* im ♀ 183
brown | black | black.

5490^v *Myiochanes fumigatus auduboni* ♂ 222
brown | black, brownish flesh below | black.

** 5491^v *Comptosia* (?) im ♀ 188
brown | black, flesh below, of dusky | blackish brown

5492^v *Psittospiza ricinoides elegans* ♂ 228
red | crimson | dark scarlet

* 5493^v *Archipterus leucorhamphus* T.M.E. ♂ 305
dull blue | pale yellowish blue, brown below blue | black.

(24-11)

24-14

5494^v *Andigena hypoglaucus lateralis* ♂ 512
(See 5464)

5495^v " " " ♂ 494

* 5496^v *Falco fusco-caerulescens* (?) ♀ 415
brown/corvish round eye line yellow pal blunt
olive barely, black apically yellow

Leymeirita, July 26.

Rad went out, up Balboa road, shooting in
semi-open & forest, to more or less 8000 ft.

** 5497^v *Helionotus viola* ♀ 118

Summit, spongy green above, rustling tail;
forehead tipped with glittering blue-green; throat
rich, glittering purple violet; chest shiny blue-green,
rest of throat bronze green, neck buffy; crown
dull grayish buff; tail below steel blue
bill straight, rather wide at base & tapering to point 15 mm
tail deeply cleft, 42 mm outer & 27 mm middle.
black black.

5498^v *Diplogena iris* ♀ 142
black/dusky flesh

5499^v *Basileuterus coronatus elatus* ♂ 160
brown/black/yellowish brown

5500^v *Atlapetes platyrhynchos* ♀ 176
brown/black/dark brown

5501^v *Cyclarhis cyathrostris* ♂ 173
yellow/brown horn, leaden below flesh

5502^v *Diglossa albilatera schistacea* ♀ 137
brown/black/dark brown

* 5503^v *Chaetura brunneiterpes* ♀ 135
brown/black/blackish

(27-15)

27-15

[64]

** 5504^v *Xiphocolaptes promeropyrhynchus* ^{compressirostris} ♀ 335
 brown \ blackish, horn blue below \ leaden blue.

● 5505^v *Oropelia frenata* ♂ 325
 yellow \ black \ pale purplish pink

5506^v " " " ovary large ♀ 335

** 5507^v *Trogonurus assimilis* ♂ 265
 brown \ yellow \ dusky yellowish

Leymebamba, July 27

I went up road to Balsas to beginning of forest,
 working up quadrada & down road!
 Red went up trail on eastern range.

* 5508^v *Chalcostigma ruficeps* ^{T.E.} *aureofastigiatum* ♂ 103
 black \ black.

● 5509^v *Adelomyia melanogonyx maculata* ♂ 104
 black \ pink

5510^v *Metallura smaragdineicollis septentrionalis* ^{T.E.} ♂ 104
 black \ black.

5511^v *Psolidoprymna gouldi chlorura* imm. ♂ 172
 black \ black.

5512^v " " " " juv ♂ 124

5513^v *Helianthus viola* ♂ 127
 black \ black.

5514^v *Colibri iolatus* (?) imm ♂ 145
 black \ black

● 5515^v *Basileuterus coronatus elatus* (?) 157
 brown \ black \ brownish yellow

5516^v *Myiarchus tuberculifer atriceps* ♀ 179
 brown \ black \ black

- 5517^v *Diglossa carolinensis* ♂ 147
red/black/black
- 5518^v " " ♀ 145
- 5519^v " " T.E ♂ 154
- * 5520^v *Diglossa personata melanoparia* ♂ 160
red/black/black
- 5521^v *Xiphocolaptes promeropyrhoeus* ^{compresirestris} ♀ 325
brown/blackish brown, under blue below/blackish
- 5522^v *Thamnopetes melanotus* T.E ♂ 170
brown/black/under blue
- 5523^v " " ♀ 162
—/black, under blue below/—
- 5524^v *Elania* (same) ♀ 165
brown/black, dusky feet below/black
- 5525^v *Atlapetes l. latirostris* ♂ 181
brown/black/dusky brown below
- 5526^v *Heliodon r. retaxilla* T.E ♂ 228
carmine/black, pale blue spot on side basally/black
- 5527^v *Guillemot rostrifera albicans* ♀ 208
brown/black, under blue below/under blue
- 5528^v *Turdus nigricap* ♂ 233
brown/dusky yellow, black at base of wing/brown
- 5529^v *Turdus semitorquatus* T.E ♂ 285
brown/dark orange/yellow (orange)
- 5530^v *Pipilo maculatus chachapoyas* ♀ 193
brown/crimson/dark scarlet
- 5531^v *Psittospora riefferi elegans* (?) 216
hazel/dark crimson/dark scarlet

**

5532^v *Nothocercus*299^{mm} ovary

♀ 380

slaty black crown & nape, white throat; lower breast
old, plumbeous thighs thickly spotted with whitish;
also wings.

brown \ black; flesh below \ leaden drab.

Leymebamba, July 28

I went to town back up trail to Atun, as far as
edge of forest, then on foot up to wooden bridge.
Red went up Balsas road.

5533^v *Basileuterus cognatus elatus*

♂ 159

brown \ black \ yellowish brown

5534^v *Thamnophilus* ———— = No-5468,

♂ 176

hazel \ black, leaden below basally \ leaden

* 5535^v *Conirostrum atricyaneum sordidum*

♂ 145

brown \ black \ leaden blue

5536^v

"

"

" T.F. ♂ 141

5537^v

"

"

"

♀ 130

— \ black, pale brown below basally \ —

* 5538^v *Hemispingus leucogaster*

♂ 151

brown \ black, leaden blue below \ leaden blue

5539^v

"

"

♂ 155

*

5540^v " *chrysogaster*

♂ 171

gray brown \ black, pale, yellow basally \ dark brown

*

5541^v *Amazona mercenaria*

♀ 335

5542^v *Trogonurus assimilis*

♂ 262

brown \ dusky yellow \ olive yellow

36-11

5543^v *Metallora smaragdineicollis septentrionalis* ♂ 105
black/black

**

5544^v *latres naya latresnaya gayi* juv ♂ 125
black/dusky pink

5545^v *Beissoneauxi matthewsi* ♀ 127
black/dusky pink

5546^v *Euscaethmornis grandensis pyrrhops* ♂ 116
brownish black, dusky brown below pale brown blue

5547^v *Basilopterus ceramatus elatus* (M) ♀ 134
brown/black/yellowish brown

5548^v *Ochthoeca thoracica angustifasciata* ♀ 140
brown/black/black

5549^v *Buarremon assimilis* ♂ 215
brown/black/dark brown

** 5550^v *Cathartes fuscator coniceps* (U) ♀ 198
brown/yellish red/orange, ridge blackish/orange
yellow

5551^v *Bothraupis cucullata cyanonota* ♂ 246
hazel/black/black

5552^v *Archiplanes leucorhynchus* ♂ 309
blue/pale pink lanky, pale rim whitish apically/black

5553^v " " ♀ 259
pale brownish white, yellowish on winged surface

* 5554^v *Pharomacrus auriceps* O.S.E ♀ 363
brown/pale brown hair, base yellowish blue/yellowish brown

39-20

Leymebamba, July 29

Had stayed in to finish up yesterday's birds & I went out up road up ridge across valley morning dark & drizzling rain, but cleared up some about 10 Am. I got back at 1:30 & by 2:30 Pm all cleared up. (Same yesterday - rotten weather)

5555^v *Diglossopsis caerulescens*. T.E. ♂ 149
red-brown \ black \ black

5556^v *Cyclarhis coutrerasi* ♂ 177
yellow \ brown tan, leaden blue below \ pink

5557^v *Helianthus viola* ♀ 123
black \ black

** 5558^v *Helianthea dichroura* ♀ 156
black \ blackish, some pink.

5559^v *Bossecoxi matthewsi* T.E. ♂ 132
black \ blackish

5560^v *Hemispingus leucogaster* ♀ 148
brown \ black, leaden below \ leaden

* 5561^v *Hemispingus atreptus auricularis* ♀ 166
brown \ black, horn blue below (lateral) \ pale horn blue

5562^v *Hemispingus chrysogaster* ♂ 164
brown \ black \ blackish

5563^v " " ♀ 158

5564^v *Myiochanes fumigatus* ♂ 177
brown \ black, brownish yellow below (lateral) \ black

5565^v *Pseudocolaptes boissonneaulti* imm ♀ 245
brown \ black \ leaden

** 5566^v *Dendrocolaptes (?)* adult ♀ 278
brown \ black, leaden blue below (lateral) \ leaden

42-2st olive brown above & below; wings & tail & upper tail coverts ferruginous distinct; a few buffy shaft streaks on primary & forked more on throat; under wing coverts bright cinnamon - bill strongly hooked

(con) primaries tipped with black; 3 outer rectrices slightly edged with black; apparently in immo. molt.

- 5567^v *Conirostrum atrocyanum sordidum* ♂ 149
brown | black | leaden
- 5568^v *Diglossa personata* ♀ 164
red | black | black
- 5569^v *Psilospiza riefferi* ♂ 222
red | hazel | dark cinnamon | dark scarlet
- 5570^v " " ♂ 215
- 5571^v *Trogoneris assimilis* ♂ 274
brown | yellow | dusky | blue
- 5572^v " " ♂ 280
brown | yellow | dusky | blue
- 5573^v " " ♂ 276
- 5574^v *Oropelia frenata* ♀ 351
yellow | black | purplish | red
- 5575^v *Buarremon assimilis* ♂ 214
brown | black | blackish brown

Leymebamba, July 30

Did not go out today - finished last 5 birds from yesterday. then labelled & packed all birds from this place to date over 300.

42-22

[67]

Lagunilla, July 31

Got horses today & went up trail to east which
 goes into mountains on east side of cordillera.
 I was feeling bad & came back about 2:30, Rod got
 back at nearly 6 P.M. with 20 birds.

- 5576^v *Elanenia* _____ same as others. x v. ♂ 165
 brown \ black, flesh below basally \ black
- 5577^v *Atlapetes l. latimucha* ♀ 173
 hazel \ black \ brownish black
- 5578^v *Cyclarhis coutrerasi* ♂ 172
 yellow \ brown lam, leaden blue below \ dusky flesh.
- 5579^v *Iridosornis reinhardti* T.S.E. ♂ 171
 brown \ black, leaden blue below \ black.
- 5580^v *Poecilothraupis palpebrosa caerulea* ♂ 179
 brown \ black \ black.
- 5581^v *Trogon assimilis* ♀ 282
 brown \ olive yellow \ pale yellow olive
- 5582^v *Psolidepygia gouldi chlorera* ♂ Tail
 black \ black Zone
- * 5583^v *Helionelus amethysticollis* ♀ 113
 black \ black
- 5584^v *Metallura smyrnina septentrionalis* ♂ 110
 black \ black
- 5585^v *Basileuterus signatus* ♀ 148
 brown \ black \ brownish yellow
- 5586^v " *coronatus alatus* ♂ 161
 brown \ black \ brownish yellow
- 5587^v *Ochthoeca ferricolor brunnei frontis* T.M.E. ♂ 171
 brown \ black \ black
- 5588^v *Myiarchus tuberculifer atriceps* ♀ 182
 brown \ black \ black

(43-22)

5589^v *Troglodytes musculus albicans* T.E. ♂ 132
brown \ black, bluish flesh below \ dusky flesh.

5590^v " " " " " ♀ 128

5591^v *Cyclanhis coutreasi* ♀ 179
yellow \ brown ham, below blue below \ flesh

5592^v *Tangara argentea argentea* ♀ 146
brown \ black, pale ham at base below \ leaden

5593^v *Poecilothenopsis palpebrosa caerulea* T.E. ♂ 182
brown \ black \ black

5594^v *Iridosornis reinhardti* ♀ 175
brown \ black \ black

5595^v " " " " ♂ 174

5596^v *Diglossa pectoralis* T.M.E. ♂ 155
brown \ black \ black

5597^v " *personata* T.E. ♂ 174
red \ black \ black

5598^v *Nothocercus* O.S.E. ♀ 378
brown \ black, flesh below, tip dark brown \ leaden drab

5599^v *Trogonurus assimilis* ♀ 278
brown \ olive yellow \ pale olive yellow

5600^v *Myiotheretes striatocollis* " ♂ 248
brown \ black \ black

43-22

Leymebamba, Aug 1.

Stayed in to skin yesterday's birds & Road
went up Balsas Road.

- 5601^v *Psittidopygia gouldi chlorura* ♂ 117
black \ black
- 5602^v *Basileuterus signatus* ♀ 153
brown \ black \ yellowish brown
- 5603^v *Synallaxis albens* ——— T.E. ♂ 187
hazel \ black, brown blue at base below \ bluish blue
- 5604^v " " " juv. ♀ 153
brown \ black, yellowish brown below —
- 5605^v *Thlypopsis incinata* ♂ 141
brown \ black, brown blue below \ leaden blue
- 5606^v " " " ♂ 144
- 5607^v *Grallaria ruficapilla albiloris* T.S.E. ♂ 207
brown \ black, leaden below marially \ leaden blue
- 5608^v *Nothocercus* ——— ♀ 338
brown \ black, dusky, flesh below, up dark \ leaden drab

Valley above Leymebamba

- * 5609^v *Tamias luteus* duck ♀ 190
leaden black, dusky, flesh below \ dull bluish drab.

44-22

4422
Leymus, Aug 2.

- 5610^v *Diphogena iris* ♀ 144
black, dusky flesh.
- 5611^v " " ♂ 145
- 5612^v *Thlypopsis inornata* ♀ 138
brown/black, flesh below leaden blue
- 5613^v *Troglodytes solstitialis* ♀ 118
brown/black, flesh below brown
- 5614^v *Synallaxis albescent* ♂ 178
brown/black, yellow flesh below yellowish blue
- 5615^v *Vireosylva josephi* ♂ 132
brown/black, throat flesh below leaden blue
- 5616^v " " ♀ 130
- 5617^v *Hermispygus leucogaster* ♀ 150
brown/black, leaden below leaden blue
- **
5618^v *Pachyramphus marginatus naves (?)* ♀ 153
brown/black, leaden blue below leaden
- 5619^v *Cranioleuca baroni capitalis* ♂ 182
blackish, flesh below olive
- 5620^v *Cyclarchis coustierasi* ♂ 175
yellowish brown above leaden blue below flesh
- 5621^v *Tangara a. argentea* ♂ 148
brown/black/black
- 5622^v " " " ♂ 143

5623^v *Iridosornis reinhardti*
brown | black, leaden below | black

** 5624^v *Phaeocticus vropygialis terminalis* (?) ♂ 221
brown | black, horn blue below | leaden horn

5625^v *Pseudocolaptes boissonacoti* ——— ♀ 250
brown | black, tarsi yellow, flesh below usually |
leaden horn, tarsi olivaceous

5626^v *Falco sparverius* ——— ♀ 288
brown | horn blue locally, black tip | orange

** 5627^v *Tigrasoma salmieri brevirostre* ♂ 200
yellow | black, olive yellow below usually +
on naked skin of throat.

5628^v *Procnopis granicki* T.M.E. ♂ 144
brown | black | leaden

Leymus laevis, Aug 3.

I worked up gulchada & slopes of second growth.
only 6 birds, but good. Red went up trail
to Nalle & got a good lot of stuff.

5629^v *Synallaxis albesens* ——— ♂ 182
brown | black, leaden below | olive

5630^v " " " ♀ 175

** 5631^v *Quallavicta peruviana* (?) ♂ 123
brown | black, flesh below | pale horn blue

5632^v *Eoscartimornis granadensis pyrrhops* T.E. ♂ 114
shin | black, dark horn below | thick horn

5633^v *Basileuterus signatus* (black crown) ♂ 157
brown | black, | brownish yellow

** 5634^v *Ochthoeca albididorsalis* ——— subsp. nov. ♂ 137
white front dorsal yellow; ash below, with belly
& crown brownish ochraceous.
brown | black | black

* 5635^v *Pseudospingus xanthocephalus* ♀ 148
 brown | black | blackish brown

5636^v *Myiarchus tuberculifer atriceps* ♂ 203
 brown | black | black

** 5637^v *Pachyramphus versicolor* (ovary mat) ♀ 137
 Green above, crown & nape slaty black, front greenish,
 lower coverts & quills edged rufous, inner tailfeathers
 edged white; below olive yellow, belly whitish,
 indistinct dusky cross bars on chest.
 brown | black | pale bluish flesh below | leaden

5638^v " " ad. ♀ 137
 — | — | leaden blue | —

5639^v *Troglodytes argentatus* T.S.E ♂ 145
 brown | black | leaden

5640^v *Turdus nigricaps* ♀ 227
 brown | black | brown brown

5641^v *Pipreola riefferi chachapoyas* ♂ 195
 brown | dark crimson | dark scarlet

5642^v " " ♀ 187

5643^v *Diglossa personata* T.E ♂ 174
 red | black | black

5644^v *Xiphocolaptes promeropyrhachos* ♀ 328
 brown | blackish brown, brown blue below
 under above

* 5645^v *Accipiter bicolor* (?) ♀ 333
 yellow | brown blue bands, black apically | yellow
 (Both ovaries developed)

	skull	spec.	mean
Total length	119.5	365	137
	238	52	28
	143.3	367	16.5
		69	21
		626	193

52-31
 190-210
 170-180
 2260
 2190

Rio Jari, Aug. 6

Shot on road at first stream ^(5500 ft) except Hummer
+ Hirundina, which were killed up on ridge at
about 6000 ft.

5646^v Vestipedes dybowskii (?) ♂ 110
One specimen taken at Utcubamba.
black \ blackish, solar flesh.

* 5647^v Piranga leucoptera ardens T.M.E. ♂ 158
brown \ black, leaden below, tip black \ leaden

* 5648^v Xenicopsoides m. montanus (?) T.M.E. ♂ 186
brown \ blackish horn, olive plum below \ blue green

** 5649^v Tangara melanonotus ♂ 143
brown \ black \ leaden blue

* 5650^v Tangara parzudakii ♀ 164
brown \ black \ black horn

* 5651^v Hirundinea ferruginea sclateri O.S. ♀ 206
brown \ black \ black.

* 5652^v Lophotriccus pileatus pileatus O.S.E. ♀ 108
Rio Jari, Aug. 7
brown \ black \ pale leaden blue

5653^v Myrmothela schisticolor interior ♂ 103
brown \ black \ leaden blue

5654^v " " " ♀ 105
— \ black, flesh at base below —

* 5655^v Nitrophanes phaeocercus olivaceus ♀ 129
brown \ black, yellow below \ black.

5656^v " " " T.E. ♂ 135

** 5657^v Pseudotriccus pelzelni ♂ (?) 125
brown \ black \ blackish olive

5658^v " " " ♂ 129

5659^v *Heliodora leadbeateri*
black | black

♂ 142

* 5660^v *Alyicobus verticalis*
brown | black | black.

Laying ♀ 140

* 5661^v *Pogonotriccus poecilotis*
brown | black, leaden below | leaden blue

T.E. ♂ 128

* 5662^v *Dystharnis mentalis olivaceus*
brown | black, leaden below | leaden blue

♂ 132

5663^v " " "

♀ 132

* 5664^v *Coropophaga castaneiceps brunneinucha*
brown | black, flat below | leaden blue

T.E. ♂ 150

* 5665^v *Malacoptila fulvogularis melanopogon*
cinnamon | black | olive

♂ 231

5666^v *Tangara parzudakii*
brown | black | leaden blue

T.M.E. ♂ 167

* 5667^v *Rupornis magnirostris occidea*
yellow (w/ orange) blackish brown, flat below | orange

T.S.E. ♂ 351

5668^v *Tigrasoma salmomi* O.M.D.
yellow | black,

♀ 705

Rio Janku, Aug 8

I went down trail about 3 miles, back at 12²⁰
 with 19 birds. Had went up trail " " 12³⁰
 with 15 birds, seven species different from yesterday,
 while I got 10 different.

5669^v *Myiotherula schisticolor* interior ♂ 115
 brown \ black, lower breast \ leaden blue

5670^v *Hemicerthia leucophrys leucophrys*. ♂ 121
 brown \ black \ dark brown

* 5671^v *Basileuterus t. tristriatus* ♀ 135
 brown \ blackish, pale brown below \ yellowish brown

** 5672^v *Pogonotriccus* ————— T.E. ♂ 131
 Double wing bar of pale cinnamon ochraceous
 + marked yellowish fluff — brown \ black, yellow below \ leaden blue

5673^v " " " ♀ 120

5674^v *Tolmomyias p. poliocephalus* T.E. ♂ 153
 brown \ black, fluff below \ brown blue

5675^v " " " T.E. ♂ 151
 \ brown blue

* 5676^v *Myiobius villosus peruvianus* T.E. ♂ 151
 brown \ black, fluff below, h/ black, pale brown

5677^v *Pogonotriccus poecilotis* T.E. ♂ 129
 brown \ black, lower breast \ pale leaden blue
 brown \ black, lower breast \ leaden blue T.S.E.

** 5678^v *Terenna* ————— (1) constant song, black crown, blue ♂ 121
 above; yellow shoulder patch

* 5679^v *Elanoides forficatus albiventer* ♀ 157
 brown \ dark brown, fluff below \ black

5680^v *Leptopogon taczanowskii* T.E. ♂ 142
 brown \ black, fluff spot of tan below \ leaden blue

5681^v *Myiochanes fumigatus ardesiacus* T.M.E. ♂ 187
brown/black, brownish flesh below black

* 5682^v *Premnoplex b. brunneiceps* ♀ 148
brown/black, flesh below brownish black

5683^v *Micrometes striatellus poliocephalus* ♂ 142
brown/black, flesh below basally leaden blue

5684^v " " " ♂ 146

** 5685^v *Rhynocyclops fulvipectus* T.E. ♂ 167
brown/black, flesh below leaden blue

5686^v *Xenops rutilus heterocera* O.S.E. ♀ 127
brown/black, flesh below basally leaden brown

5687^v " " " ♀ 131

* 5688^v *Thamnistes anabatensis rufescens* ♂ 171
hazel/black, leaden below brown below

** 5689^v *Cranioleuca eisandina* ♀ 167
red hazel/blackish, flesh below basally olive

5690^v " " T.M.E. ♂ 164

5691^v " " O.S.E. ♀ 163

5692^v *Boaricmon brunneinuchus* T.E. ♂ 205
brown/black/black

5693^v *Xenicopsoides m. montanus* T.E. ♂ 190
brown/blackish brown, flesh below olive

5694^v " " " T.E. ♂ 189

5695^v *Coropopkaya castaneiceps brunneiceps* ♂ 143
brown/black, flesh below leaden blue

* 5696^v *Chlorospingus flavigularis parvirostris* ⁱⁿ ♂ 150
brown \ black, pale below largely \ leaden blue

** 5697^v *Chlorochrysa calliparea* ♀ 130
brown \ black, \ dull leaden blue

** 5698^v *Xiphothynchus t. triangularis* T.M.E. ♂ 261
brown \ black, sides (in middle) of max. & mand horn blue
feet leaden blue

* 5699^v *Tangara p. pulchra* ♂ 156
brown \ black \ leaden blue

5700^v " " " O.E. ♀ 156

5701^v " " " T.M.E. ♂ 157

Rio Jalisco, Aug 9.

Rained all forenoon. I skinned 15 birds but
from yesterday & got lunch, as with several
shooting. No shot of birds around house early in
morning. Had loaded 32 cartridges all morning
& went shooting at 2 P.M. I stayed in to do odd job.

** 5702^v *Tyranniscis c. chrysops* ♀ 119
brown \ black, leaden below \ leaden

* 5703^v *Vireosylva c. chiri* ♂ 155
brown \ black, throat fluff below \ leaden blue

** 5704^v *Conopias cinchonetti* ♀ 183
brown \ black \ black.

5705^v *Myiarchus c. cephalotes* ♂ 210
brown \ black \ black.

5706^v *Micrepternis phaeocephala olivacea* ♀ 136
brown \ black, yellow brown \ black

5707^v *Dryotharus mentalis olivacea* ♀ 134
brown \ black, leaden below \ leaden blue

(30-10)

* 5708 ✓ *Chloropygia unicolor* Just female ♀ 135
brown/black, dusky plum. below, lower head brown

** 5709 ✓ *Thamniophiles schistaceus* (?) ♀ 137
charcoal brown above, fulvous beneath, chestnut;
superciliary region, white side of head above eye;
throat brownish ashy; rest below bright tawny
brown; all concealed white on back
brown/black, lower head below, lower blue

5710 ✓ *Xenicepsoides pyramidalis* ♀ 177
brown/black, pale lower blue below (line)

5711 ✓ *Xyphochimys t. triangularis* ♂ 240
brown/brown blue, lower by a wing black/under

* 5712 ✓ *Tangara schranki* T.M.E. ♂ 137
brown/black/pale lower blue

5713 ✓ " *parzodakii* (small form) O.E. ♀ 160
brown/black/thrust brown

** 5714 ✓ *Ramphastos ambiguus* ♂ 625
olive yellow/olive yellow above, black below/cobalt blue
(Labels written to here)

Reo Jachite, Aug 10

Invent up the hill as far as large creek, back at
1:30 with 16 birds. Rain over down trail. cloudy in
morning but cleared up about 4:30.

5715 ✓ *Alcyonetha schisticolor interior* ♀ 115
brown/black, faint pink below, mostly/leaves blue

5716 ✓ *Pogoniturus poecilotis* ♂ 124
brown/black, lower head below/pale lower blue

5717 ✓ " " T.M.E. ♂ 132

5718 ✓ " " T.M.E. ♂ 130

(34-12)

5719^v *Basileuterus t. tristriatus* T.M.E. ♂ 147
brown | black, pale brown below | yellowish brown

● 5720^v " " " ♂ 142

5721^v *Platyrrhynchus mystaceus zamorae* ♀ 111
brown | black, tip beak dusky, flesh | bluish flesh.

5722^v *Leptopogon taczanowskii* T.M.E. ♂ 147.
brown | black | leaden blue

— 5723^v *Premnoplex b. brunneescens* ♂ 140
brown | black, flesh below | blackish brown

5724^v *Tolmomyias p. poliocephalus* ♂ 150
gray-brown | black, flesh below | leaden blue

5725^v *Thamnophilus schistaceus* (= 5709) ♂ 172
brown | black | leaden blue

● 5726^v " " " ♀ 167
— | —, leaden below | — " "

* 5727^v *Lochinias nematura* (??) ♀ 163
brown | black, pale brown below marginally | black.

5728^v " " " T.E. ♂ 173

5729^v *Conopophaga castaneiceps brunneinucha* ♀ 138
brown | black, brown below | leaden blue

5730^v *Mionectes striatocollis poliocephalus* ♂ 148
brown | black, dull flesh below broadly | leaden.

5731^v " " " ♂ 146

● 5732^v *Elanoides forficatus albivertex* ♂ 170
brown | black, flesh below, tip black, | black.

5733^v *Chlorospingus flavigularis parvirostris* T.M.E. ♂ 157
grayish white | black, dull bluish brown below, tip black | bluish brown

(35) 5734^v " " " ♀ 148

5735^v *Tinanga leucoptera ardens* O.S.E. ♀ 153
brown/black, leaden blue below, tip black/leaden blue

* 5736^v *Tanagra xanthogaster guttata* T.M.E. ♂ 121
brown/black, leaden blue below, tip black/leaden blue

** 5737^v *Tanagra cyanocephala caeruleiceps* ♂ 135
brown/black/black.

5738^v " " " juv. (?) 130

5739^v *Piaya cayana nigricapilla* T.E. ♂ —

5740^v *Xipherhynchus t. triangularis* T.E. ♂ 242
— brown/leaden blue, base of tip of max. black/leaden blue

5741^v " " " T.E. ♂ 263

Rio Juchile, Aug 11.

I went up trail Sunday to large stream. All birds shot from last clearing up to stream. Had a lot of birds, but only 100, I got 32 birds. Had got turkey & big black wings. I got back 120.

** 5742^v *Coratus c. cissurus* ♂ 96
black/flesh

5743^v " " ♀ 95

** 5744^v *Phaethon* (immature below) T.E. ♂ 177
black, salmon red below base 1/3 dusky pink

5745^v *Heliodoxa leadbeateri* ♀ 132
black/brown below

** 5746^v *Herpsilochmus* ♀ 124
brown/black, (base of tail black) — chest
any olive above, cream sides, white supercilium, secondary edge

5747^v *Tetradlea* (?) (= 5678) ♀ 118
brown/black, leaden blue below, brown above

5748^v *Pseudotriccus pelzelni* (m.) ♀ 114
brown/black, tip of mandible pale brown/olive

5749^v " " (P) ♂ 125
— (black) —

5750^v *Tyranniscus chrysaps* T.N.E. ♂ 126
brown/black, dark leaden below/leaden

5751^v " " ♀ 110

* 5752^v *Herpsilochmus a. axillaris* ♂ 132
below black, line of white dots down middle
superior white; yellow below.
brown/black, leaden blue below/leaden blue

5753^v " " ♂ 135

* 5754^v *Tyranniscus cinereiceps* ♀ 121
brown/black/leaden blue

** 5755^v Wren (?) T.E. ♂ 136
gray above, crown brown, white below; tail & rump
barred black & gray & white.
hazel/black, leaden blue below, tip black/leaden blue

5756^v " " T.E. ♂ 144

5757^v *Pugonotriccus pascillatus* ♀ 122
brown/black, leaden below/leaden blue

5758^v " " T.E. ♂ 132

5759^v " " ♀ 123

5760^v *Leptopogon taczanowskii* ♀ 137
brown/black, feet at extreme base below/leaden blue

* 5761^v *Rhinorchilus t. thoracicus* ♀ 132
brown/black/dark brown

44-17
5762^v " " T.S.E. ♂ 158

- 5763^v *Tangara schranki* T.E. ♂ 137
brown/black/lead
- 5764^v " *melanotos* T.E. ♂ 132
brown/black/lead
- 5765^v *Pachyrhamphus versicolor* (-5631) ♀ 147
brown/black/lead blue/black/lead
- * 5766^v *Eubucco steerii* ♂ 170
brown/olive yellow, leaden blue below, black/lead
- 5767^v *Chlorochrysa callipara* im ♀ 136
brown/black/lead blue
- 5768^v " " O.S.B. ♀ 132
- 5769^v " " T.E. ♂ 127
- 5770^v " " T.E. ♂ 134
- * 5771^v *Tangara chrysopasta* ♀ 114
brown/black, leaden blue below leaden blue
- 5772^v " *Xanthoquiza gilensis* ♀ 115
brown/black, leaden blue below black/lead
- 5773^v *Chloropipo virens* O.E. ♀ 143
brown/black, leaden blue below black/lead
- 5774^v " " T.E. ♂ 143
- 5775^v *Cramoleuca cisandina* T.M.E. ♂ 170
hazel/black, plum below, black/lead
- 5776^v *Ebena chiriquiensis albicincta* ♂ 170
brown/black, plum below black/lead
- 5777^v " " ♀ 155

- 5778^v *Rhynchoeysus folipectus* ♀ 175
brown \ black, flab below \ leaden blue
- 5779^v *Tolmomyias poliocephala* T.M.E. ♂ 157
gray \ black, flab below \ leaden
- 5780^v *Thamnophilus schistaceus* (= 5725) ♂ 168
brown \ black \ leaden blue
- 5781^v *Tangara parzudakii* T.M.E. ♂ 163
brown \ black \ olive leaden
- 5782^v " *pulchra* ♀ 155
brown \ black \ leaden blue
- 5783^v " " (juv. light red bill) ♂ 160
orange brown & sides of head
brown \ black \ leaden blue
- 5784^v *Piaya cayana nigricollis* T.E. ♂ 143
dull brown \ black \ leaden blue
- 5785^v *Chamaepetes goudoti retroversis* T.E. ♀ 164
brown \ black \ leaden blue
- * 5786^v *Cephalopterus ornatus* ♂
white \ black \ leaden blue
- 5787^v *Pharomacrus auriceps* C.S.E. ♀ 375
brown \ black \ leaden blue
- 5788^v *Dysthysops mentalis* ♂ 136
brown \ black, brown blue below \ leaden blue
- 5789^v " " " ♀ 137

Rio ~~Paraná~~, Aug 12

Had much success river late in afternoon & shot these

- * 5790^v *Sittasomus griseicapillus amazonus* T.M.E. ♂ 184
brown \ black, olive-brown below \ leaden brown
- 5791^v *Chloroceryza callipara* ♂ 139
brown \ black \ olive-brown below
- * 49-18
5792^v *Penelope j. jagdau* T.E. ♂ 843
brown \ black, blackish brown below \ pink salmon \ throat salmon

Rio Juchile, Aug 13.

We crossed river on tree felled below. Saw a lot of birds. Rad
 up. I found almost nothing, back at 11.30 with 5 birds, then went
 up trail to find piece of flat ground & got a good bag. back at 12.
 Rad found little till late, then got a good bag, in at 12.

5793 ✓ *Phoebastria* _____ cinnamon below in ♂ —5794 ✓ *Terentia* _____ (1) not humeralis ♀ —
 brown/black, leaden blue below / leaden blue /
 just finished laying

5795 ✓ " " " " T.E. ♂ 124

5796 ✓ " " " " ♂ 116

5797 ✓ *Pegonotriccus* _____ (yellow throat) T.E. ♂ 130
 brown/black, yellow below / pale leaden blue5798 ✓ *Lophotriccus p. pileatus* T.E. ♂ 115
 brown/shaw/black, bluish flesh.

5799 ✓ " " " " T.E. ♂ 116

5800 ✓ *Herpsilochmus a. axillaris* (= 5752) ♂ 128
 brown/black, leaden blue below / leaden blue5801 ✓ "Kien" _____ (= 5755) ♀ 130
 brown/black, leaden blue below / leaden blue** 5802 ✓ *Picumnus steindachneri* T.E. ♂ 110
 brown/black, milky blue, below milky blue / olive-lead5803 ✓ *Myiobius villosus peruvianus* T.E. ♂ 156
 brown/blackish, flesh below, top black / bluish flesh

5804 ✓ " " " " T.S.E. ♂ 153

5805 ✓ *Leptopygia taczanowskii* ♀ 134
 brown/black / leaden blue

50-19

[76]

5806^v *Leptopogon taczanowskii*

T.E. ♂ 149

5807^v

"

"

♀ 132

5808^v *Pogonotriccus poecilotis*

♀ 120

brown/black, leaden blue below/leaden blue

5809^v

"

"

T.E. ♂ 132

* 5810^v *Pipra pipra sumata* (P)

♀ 119

red/black, pale horn blue below/leaden horn

5811^v *Tolmomyias poliocephalus*

O.E. ♀ 153

gray-brown/black, bluish flesh below/leaden blue

5812^v

"

"

T.E. ♂ 158

5813^v

"

"

T.E. ♂ 156

5814^v *Vires Sylva c. chivi*

♀ 142

brown/black, leaden blue below/leaden blue

5815^v *Myioborus verticalis*

T.M.E. ♂ 148

brown/black/black

5816^v *Xenops rutilios holivus*

T.E. ♂ 136

brown/black, flesh below/leaden

5817^v *Pachyrhamphus versicolor*

(5637) O.E. ♀ 146

brown/black, leaden below/leaden

5818^v *Tanagra chrysopasta*

♀ 115

brown/black, leaden blue below/leaden

5819^v *Chloropipo unicolor*

T.E. ♂ 146

brown/black/dark brown

5820^v

"

"

O.E. ♀ 147

—, leaden below mesially/—

51-19

51-19

5821^v *Chlorochrysa c. callipara* O.S.E. ♀ 132
brown/black/brown

5822^v *Elania chrysogaster albipennis* imm ♀ 175
brown/black, fluff brown/black

5823^v *Xanthocephalus m. montanus* ♀ 174
brown/black, job black brown/black

5824^v *Tangara cyanicollis caerulea* T.E. ♂ 140
brown/black/black

5825^v " *pyrrhuloxia* ♀ 141
brown/black/lemon blue

5826^v *Cephalopterus cinctus* ♀

Rio, Del Norte, Aug 15

We both went up trail, I went up in ridge beyond
big creek. Shot *Pyrocephalus* there. Saw two pairs
of *Odontophorus* & 1 *Tanager*, but got none.

* 5827^v *Sporophila luteosa* imm ♀ 121
brown/black/brown

5828^v " " imm ♀ 120

** 5829^v *Aeronautes* sp. nov. O.S.E. ♀ 114
brown/irreg. dark brown barish, dusky yellow apically,
mand bright yellow/olive.

5830^v *Tangara labradensis chrysipennis* imm. ♀ 126
brown/black/pale brown blue

5831^v *Leptopogon taczanowskii* ♀ 137

5832^v " " imm ♀ 131

5833^v " " ♀ 130
brown/black, under belly - cream

53-20

- 5834^v *Herpsilochmus a. axillaris* (spotted crown)
brown/black, aden blue below/lead blue ♂ 131
- 5835^v *Rhyacocyclops fulvipes* T.M.E. ♂ 172
brown/black, throat flesh below/lead blue
- * 5836^v *Philydor erythropterus* (?) T.M.E. ♂ 213
brown/black, throat + mand. pale olive/throat
- 5837^v *Myiarchus cephalotes* T.M.E. ♂ 213
brown/black/black
- 5838^v *Chlorospingus flavigularis* ♂ 153
gray/black, pale brown below locally/olive olive
- 5839^v " " T.M.E. ♂ 150
- 5840^v " " T.M.E. ♂ 155
- 5841^v *Tangara chrysotis* T. small. ♂ 144
brown/black/bluish green
- 5842^v " *p. pulchra* T.M.E. ♂ 149
brown/black/dark leaden
- 5843^v *Phoenicurus chrysophaea chrysogaster* ♀ 227
brown/black, pale up/mand dark flesh/lead blue
- * 5844^v *Cniporhynchus haematogaster* ♂ 383
dark red/blackish brown, tip pale/blackish
- 5845^v " " ♀ 377
- 5846^v " " imm ♀ 377
- 5847^v *Pyroderus scutatus massei* T.E. ♂ 440
blue-black/blackish brown, tail gray + mand brown blue/dark leaden
- 5848^v *Chamaepetes goudoti* click. ♀ 395
brown/black up/mand brown/just brown
- 5849^v " " click. ♂ 390

Rio Juchite, Aug 16.

Red hat himen under a tree near by. I made a
round of the morning & got 1 Eutaxia & 1 Schistocerca, Cerambycidae.
etc & then crossed river & worked on big papaya back 1500.

5850^v *Oreatus cissiorus* juv ♂ 93
black / dusky flesh

5851^v " " juv ♂ 95

5852^v " " juv ♂ 98

**
5853^v *Schistos gootfroyi* T.S.E. ♂ 99
black / blackish

5854^v *Adelomyia melanogenys maculata* ♂ 96
black, brown, white flesh

5855^v *Vestipedes assimilis* ♂ 120
black / flesh

5856^v " " ♀ 106
black, flesh at base below / flesh

5857^v *Doryfera johannae* T.E. ♂ 134
black / dusky

5858^v *Leucippus leucogaster* ♀ 110
black, flesh below band $\frac{1}{2}$ / black

*
5859^v *Eutaxia condaminei gracilis* T.E. ♂ 134
black, yellow below, 1/2 black / yellow, 1/2 of base black

5860^v *Heliotheca coeligena obscura* ♀ 143
black / black

5861^v *Pternoplex brunneus* T.S.E. ♂ 145
brown / black, flesh below / blackish brown

5862^v *Pogonotarsus poecilotis* common ring light ♂ 130
brown / black, yellow below, black flesh

5863[✓] *Tyranniscus chrysops*
brown | black | leaden

♂ 120

* 5864[✓] *Coiccomocia seiva*

♀ 168

brown | black, bluish flesh below, tip black | leaden blue

** 5865[✓] *Thamnophilus tenuipunctatus berlepschi*

♂ 177

white | black, brown below apically | leaden blue

5866[✓] *Conopophaga castaneiceps brunneinucha*

T.E. ♂ 141

brown | black, bluish flesh below | leaden blue

5867[✓]

"

"

"

♀ 140

5868[✓]

"

"

O.S.E.

♀ 145

5869[✓] *Rhinorchilus t. thoracicus*

♀ 148

brown | black | blackish

5870[✓] *Sittasomus griseicapillus amazonus*

♀ 170

brown | black, leaden below | leaden blue

5871[✓] *Chloropipo virens*

♀ 136

brown | black, bluish flesh below | leaden blue

5872[✓] *Tanagra chrysipasta*

O.M.E. ♀ 113

brown | black, leaden below at base | leaden

* 5873[✓] *Eurypyga meridionalis*

300

♀ 480

red | black, salmon below | brownish orange

Rio. Jelahte, Aug. 17.

Had much done the trail, which I worked around the clearing & second growth, then went to Hammer tree, but too late to do much. Rain in morning till noon.

5874^v *Myrmotherula schisticolor* interior T.M.E. ♂ 115
brown | black | leaden blue

5875^v " " " " O.E. ♀ 114
— | —, leaden blue below | —

5876^v *Cercomacra sericea hypomelana* ♂ 157
red-brown | black | leaden blue

5877^v *Herpodesmus* (?) (= 5746) ♀ 119
white below, short legs & feet a y, two outer rectrices white
brown | black, feet at base below | leaden

5878^v *Picumnus steindachneri* ♂ 104
brown | black, mand. brown feet blue | leaden blue

5879^v *Pseudotreron palmeri* ♂ 128
brown | black | olive

5880^v *Sporophila* ———— imm ♀ 112
brown | dark brown, feet below | blackish brown

5881^v *Cranioleuca cisandina* T.M.E. ♂ 161
brown | black, feet below | olive

5882^v *Basilornis tristriatus* (?) 139
brown | blackish, dusky feet below | brownish yellow

5883^v *Leptopogon taczanowskii* ♂ 148
brown | black, | leaden blue

5884^v " " " " imm ♀ 137

5885^v *Thamnolophus amabilis* interlong. ♂ 130
red | black, leaden blue below | olive brown leaden blue

5886^v *Chlorospiza arizonae* juv ♂ 135
brown | black, feet below at base | leaden

5887^v *Helianthaea coeligena obscura* T.E. ♂ 149
black/blackish

5888^v *Oreatus cissivus* ad ♀ 97
black/pink

5889^v *Tyranniscus c. chrysops* ♀ 117
brown/black, underbelly blackish

5890^v *Myiobius villosus peruvianus* ♀ 156
brown/black, flesh below/dusky black pink

5891^v *Tanager xanthogaster guifensis* T.M.E. ♂ 122
brown/black, underbelly below variably blackish

5892^v *Tanager cyanocephalis* C.E. ♀ 131
brown/black/black

5893^v " " " im ♂ 130

* 5894^v *Columba plumbea delicata* T.E. ♂ 340
gray/black/purplish black

* 5895^v *Pachysylvia* ♂ 138
dark olive green above, slightly more olive on head
underbelly yellowish; below yellowish
dark on throat & breast, more yellowish on underbelly
yellowish brown below, flesh below pink.

Rio Ilaquite, Aug 18.

Road on left, opposite side of river. I went far down
the valley with Hilda, to junction of two streams ("El Tingo")
birds very scarce - nothing of importance. Fine clear day

5896^v *Momotus aequatorialis chlorolaimus* ♂ 540
red/black/blackish

5897^v *Xanthoeca y. yreus* ♀ 314
yellow/black/black

5898^v *Adelomyia melanogenia* (?) im ♂ 95
black/black, some pink

5899^v *Heliodoxa leadbeateri* C.E. ♀ 130
black/black (carrying nest material)

64-24

5900 *Myrmotherula schistocolor interior* T.E. ♂ 115
brown | black | leaden blue

5901 " " " T.E. ♂ 112

5902 " " " ♀ 111
— | —, flesh below basally | —

5903 *Pogonotriccus* ——— (yellow mand. T.M.E.) ♂ 128
brown | black, yellow below | bluish flesh

5904 *Picumnus steindachneri* ♂ 110
brown | black, mostly white below basally | leaden blue

5905 *Chloropipo unicolor* C.E. ♀ 143
brown | black | leaden

5906 *Pipra pipra leonata* (?) in ♀ 122
brown | black, flesh below, tip dusky | leaden horn

5907 *Rhyacoceros fulvipes* ♀ 162
brown | black, flesh below | leaden blue

5908 " " " laying ♀ 170

5909 *Rhinorchilus t. thoracicus* ♂ 165
brown | black | black

5910 *Chlorospingus flavipennis brevipennis* T.M.E. ♂ 162
white | black, leaden below basally | leaden blue

64-24

5925^v *Chlorochrysa callipara* T.E. ♂ 135
brown \ black \ bluish olive

** 5926^v *Ampeloides tschodii* ♀ 207
pale hazel \ black, pale olive harm below \ bluish olive

5927^v *Thamnophilus tenuipunctatus* ♂ 182
straw \ black, leaden blue below apically \ leaden blue

5928^v " " Laying ♀ 186
straw \ black, leaden blue below \ leaden blue

5929^v *Cephalopterus ornatus* T.S. ♂ 496
brown \ black, leaden blue below \ black

5930^v *Rhamphastus ambiguus* ♂ 612
yellow \ olive yellow, black below \ cobalt blue

5931^v " " imm ♂ 585

** 5932 *Leptodon uincinatus* (just hatched) Laying ♀ 485
white \ black, pale olive harm below \ pale orange
spot before eye orange, below that blue; below ventral yellow

5933^v *Xanthocheilus yocae* ♂ 337
yellow \ black \ dark harm

Rio Jelachi, Aug 20

Road went across river, got 3 new *Tangara* & *Ampeloides*
I went up trail to big *Amelanchier*. Only birds of importance
were *Guiraca* & *Tangara chrysotis*. - Beautiful day

5934^v *Leptopogon taczanowskii* T.E. ♂ 150
brown \ black \ leaden blue

5935^v *Oralloricola* sp. nov. T.S.E. ♂ 113
brown \ black, up yellowish; yellow below \ bluish olive

5936^v *Pseudotriconus polzelnii* T.E. ♂ 122
brown \ black \ yellowish brown

5937^v *Pogonotriccus* (yellow imm) T.E. ♂ 130
brown \ black, yellow below \ bluish flesh

5938^v "Wren"

O.S.E. ♀ 125

hazel | black, bluish pink below, w/ black | leaden blue

● 5939^v *Pogonotriccus poecilotis*

T.E. ♂ 137

brown | black, leaden below | leaden blue

5940^v *Tolmomyias*

(= 5914)

T.E. ♂ 152

brown | black, pink below | leaden blue

5941^v *Mionectes striaticollis*

♀ 140

brown | black, yellowish pink below locally | leaden blue

5942^v *Thamnistes anabatina rufescens*

O.E. ♀ 171

brown | black, bluish pink below | leaden blue

5943^v *Tanagra xanthogaster guttensis*

♀ 114

brown | black, leaden blue below locally | leaden

5944^v *Elania chiriquensis albivertex*

♀ 160

brown | black, pink below, w/ black | black

● 5945^v *Tangara chrysotis*

T.M.E. ♂ 154

brown | black | blackish brown

** 5946^v

"

argyrophages

T.S.E. ♂ 134

brown | black | leaden brown

5947^v

"

"

im ♂ 135

5948^v

"

"

im ♂ 135

5949^v

"

parzudakii

T.M.E. ♂ 163

brown | black | leaden brown

5950^v *Ampeloides tschudii*

O.S.E. ♀ 207

yellow | black, olive below | leaden olive

● 5951^v *Xyphorhynchus triangularis*

O.E. ♀ 237

brown | brown blue, lower w/ max black | leaden

5952^v *Rhamphastos ambiguus*

O.S.E. ♀ 573

brown | olive yellow, black below | leaden blue

69-27

5953^v *Cephalopterus ornatus*

♀ 490

brown | black, leaden blue below | black

69-27

Rio Ichakle, Aug 21.

I went across river, found two flocks of birds, one up small creek in bad place & other at upper edge of big flat. back at 12 o'clock.
Had lunch up small creek & then down trail.
Beautiful clear day.

5954^v *Herpsilochmus* (?) (5746) ♀ 118
brown/black, pale below dorsally, leaden blue

5955^v *Synallaxis azarai* (?) imm ♂ 177
hazel/black, dusky plum below/olive brown

5956^v *Herpsilochmus axillaris* ♀ 130
brown/black, pale bluish below/leaden blue

5957^v *Pogonotriccus* (yellow crown) ♀ 123
brown/black, yellow below/leaden blue

* 5958^v *Piprites chloris tschudii* ♂ 138
brown/blackish, leaden blue below/pale leaden blue

5959^v *Chlorochrysa callipara* T.E. ♂ 135
brown/black/black

5960^v " " O.S.E. ♀ 126
— | — | same leaden

5961^v *Tangara argyrophenges* O.S.E. ♀ 139
brown/black, pale below below at tail/leaden brown

5962^v " *porzudekii* T.E. ♂ 160
brown/black/brown

5963^v *Tangara xanthogaster pygmaea* T.M.E. ♂ 107
brown/black, brown feet below at tail/leaden brown

5964^v *Philyder erythropterus* T.S.E. ♂ 213
brown/black, brown & maroon (blackish tail); pale olive brown feet olive

5965^v *Malacoptila fulvogularis melanopogon* O.S.E. ♀ 220
red/black/olive

5966^v *Thamnophilus schistaceus* (= 5709) O.S.E. ♀ 166
brown/black, leaden brown below/leaden blue

70-27

70-27

[82]

Rio Juchite, Aug 22.

I worked down trail + Rad just above house +
across river. Fine clear day - no rain since 16th.

- 5967^v *Thamnophilus tenuipunctatus* O.E. ♀ 175
white | black, leaden below | leaden blue
- 5968^v *Coropias ciricheneti* O.S.E. ♀ 180
brown | black | black
- 5969^v *Adelomyia melanogonia* ♀ 94
black | dusky flesh
- 5970^v *Doryfera johannae* ♀ 132
black | dusky flesh
- 5971^v *Heliothoe coeligena obscura* ♂ 147
black | black
- 5972^v *Cyanodesia m. mocca* m ♂ 149
black | black.
- 5973^v *Lophotriccus piceus* ♂ 108
brownish-straw | black | pale horn blue
- 5974^v *Vireosylva josephae* O.S.E. ♀ 132
brown | black, horn blue below | leaden blue
- * 5975^v *Elanoides forficatus* T.E. ♂ 135
brown | black | black.
[Stomach filled with insect remains - no fruit]
- 5976^v *Premnoplex b. brownrostris* T.E. ♂ 147
brown | black, bluish flesh below | brownish black.
- 5977^v *Corcomacra serva* ♀ 163
brown | black, bluish flesh below | pale leaden blue
- 5978^v *Heipsilochmus(?)* (= 5746) ♀ 120
brown | black | leaden
- 5979^v *Tyranniscos cinereiceps* ♂ 119
brown | black | leaden
- 5980^v "Wren" T.E. ♂ 135
hazel | black, bluish horn below | dark leaden horn

71-27

71-27

5981^v *Vireosylva j. josephae* O.S.E. ♀ 132
brown \ black, bluish flesh below \ leaden blue,

* 5982^v *Elania pallatangae* ♀ 151
brown \ black, flesh below, top black \ black.

5983^v *Vireosylva c. chivi* ♂ 153
brown \ black, bluish flesh below \ leaden blue.

5984^v *Cranioleuca cisandina* T.M.E. ♂ 165
hazel \ black, bluish flesh at base below \ blue

5985^v *Rhynococcyus fulvipes* T.M.E. ♂ 178
gray-brown \ black, flesh below \ leaden blue

** 5986^v *Tangara labradorides chaupensis* T.P. ♂ 135
x brown \ black \ leaden

5987^v *Phaethicus chrysocephus chrysogaster* ♂ 226
brown \ black, brown blue below \ leaden brown

5988^v " " " ♀ 230
— \ —, flesh below \ leaden blue

5989^v " " " imm. ♀ 226
— \ —, sides blackish \ leaden brown

* 5990^v *Tityra semifasciata fortis* O.S.E. ♀ 238
brown \ black, reddish basally above below; apical
half of mand leaden blue \ leaden

** 5991^v *Rupicola peruviana aequatorialis* imm. ♂ 392
pinkish white \ blackish, olive at base below \ pale brown
tarsi mottled dark brown

5992^v *Xenicopsoides montana* ♂ 190
brown \ blackish, dusky flesh below \ brownish olive

5993^v *Telmomystia palmarum* ♀ 150
brown \ black, flesh below \ leaden

5994^v " " " T.E. ♂ 155

5995^v *Mionectes striatipes* imm. ♂ 156
brown \ black, brownish flesh below basally \ leaden

75-29

Rio Jelarkhi, Aug. 23.

Skinned ten birds, left from yesterday, then labelled & packed all birds except 1. It is not dry. A thunder shower off to south but no rain here a nice day. Birds arrived at noon, sent 1000 & 1000. One letter from Melbourne - none for Rod.

Rio Jelarkhi, Aug 24.

Collected around clearing of rice edge. Forest till 10 AM. Rod 2. Grallariidae. Cloudy this morning but clearing at 10 AM.

5996^v *Phaeotecticus chrysopygus chrysopygus*. ♂ 238
brown/black, head blue below leaden blue

5997^v " " " " ♂ 231

5998^v *Leucippus leucippus* (?) ♀ 117
black, fluff blue, tip black black

5999^v *Phaethornis* (cinnamomea) ♀ 156
black, salmon red below basal 2/3. dusky fluff =

6000^v *Vestipedes assimilis* T.S.E. ♂ 118
feet fluff

6001^v *Cercomacra seiva* ♀ 168
brown/black, fluff blue below leaden blue

6002^v " " ♂ 165
black, pale at base below leaden blue

6003^v *Grallariidae* sp. nov. ♂ 118
brown/blackish, tip yellowish, below yellow fluff olive

* 6004^v *Pipraeidea melanotos vancouverensis* ♀ 147
red/black, pale blue below dark brown

6005^v *Picumnus* sp. nov. ♂ 109
brown/black, pale blue at base below black olive

6006^v " " ♂ 110

76-29

6007^v *Heiropsilochus axillaris* ♀ 131
brown/black, leaden blue below leaden blue

6008^v *Sporophila luteoca* im ♂ 121
brown/leaden blue/leaden brown
→ shin fully scrupled

6009^v " " im ♀ 117
blackish, blue below usually, leaden brown

— Aug. 25 —

On road from Valle to Tambo at timber line
arrived at 5 P.M., started at 6⁴⁵ A.M. Rain at noon
and from 3 P.M. on till after dark.

— Aug 26 —

Tambo at timber line (east side) to Leymabamba. Rain
from 6 A.M. till 10³⁰, started at 11 A.M. arrived, Leymabamba
at 3 P.M. Rain again in evening.

— Aug 27 —

Spent day trading 32 cartridges & odd & sund.
Rain practically all day.

76-29

6
5
5
6
6
6
3
2

Leymeubamba, Aug 28.

Beautiful clear day, with much of trail, valley,
 wooded north side of trail & road south. back
 at 12³⁰ with 9 birds. Had back at

6010 ✓ *Thamnophilus melancholicus* ♂ 173
 brown \ black, lateral line below \ leaden blue

6011 ✓ " " O.S.E. ♀ 172
 " " " " " " " "

6012 ✓ *Tangara a. argentea* ♀ 145
 brown \ black, pale horn at base below \ dull leaden blue

6013 ✓ *Pseudocolaptes boissonauti medianus* ♀ 242
 brown \ black, tawny & mand. flesh maxillary \ leaden.

6014 ✓ *Pipilo riefleri chachapoyas* O.S.E. ♀ 196
 brown \ dark crimson \ dark scarlet

6015 ✓ *Xiphocolaptes promeropythychus* ♀ 335
 brown \ blackish, horn blue below basally \ olive leaden

6016 ✓ " " " ♂ 321

6017 ✓ *Leptoptila versicolor decolor (?)* O.S.E. ♀ 300
 brownish above \ black \ purplish black

6018 ✓ *Thamnophilus melancholicus* T.E. ♂ 166
 brown \ black \ leaden blue

6019 ✓ " " O.S.E. ♀ 163
 " " " " " " " "

6020 ✓ *Pipilo riefleri chachapoyas* ♂ 183
 (see above)

6021 ✓ " " O.S.E. ♀ 192

6022 ✓ *Adelomyia melanogaster* T.E. ♂ 101
 black \ dark horn, max. flesh

Leymelamba, Aug. 27.

Rad went up Atuen road, while I worked the two long ridges running up to eastern cordillera. birds very scarce - but day beautiful.

6023^v *Turdus serrana* imm ♀ 260
brown \ black \ dark brown, olive yellow

6024^v *Psolidoprymna gouldi-chlorina* imm ♂ 169
black \ black

6025^v *Ochthoeca albidicollis* ——— = (5634) sub sp. B. 151 ♂ 138
brown \ black \ black

6026^v *Scytalopus* ——— juv ♂ 127
brown \ black \ brown tan

6027^v *Basileuterus coronatus elatus* ♀ 150
brown \ black, brownish below \ yellowish brown

6028^v *Hemispingus leucogaster* ♂ 155
brown \ black, leaden below \ leaden tan

6029^v *Tangara a. argentea* T.E. ♂ 146
brown \ black \ leaden

6030^v *Diglossopsis carolinensis pallida* T.M. ♂ 151
red \ black \ black

6031^v *Diglossa albilatera schistacea* T.S.E. ♂ 135
brown \ black, dusky flub at base below \ black.

6032^v " " " ♂ 140

6033^v *Conirostrum atrogularis sordidum* ♀ 132
brown \ black, pale below basally \ leaden blue

Poospiza alticola (Huamachuco)
Atlapetes rufigenis (")

Poospiza rubecula (Cajabamba)

Diglossa uncinata (Levante)

Diphodrepsis eva (Suecia) Cayamarca (?)

Psittacus pallidiventris (Cajabamba)

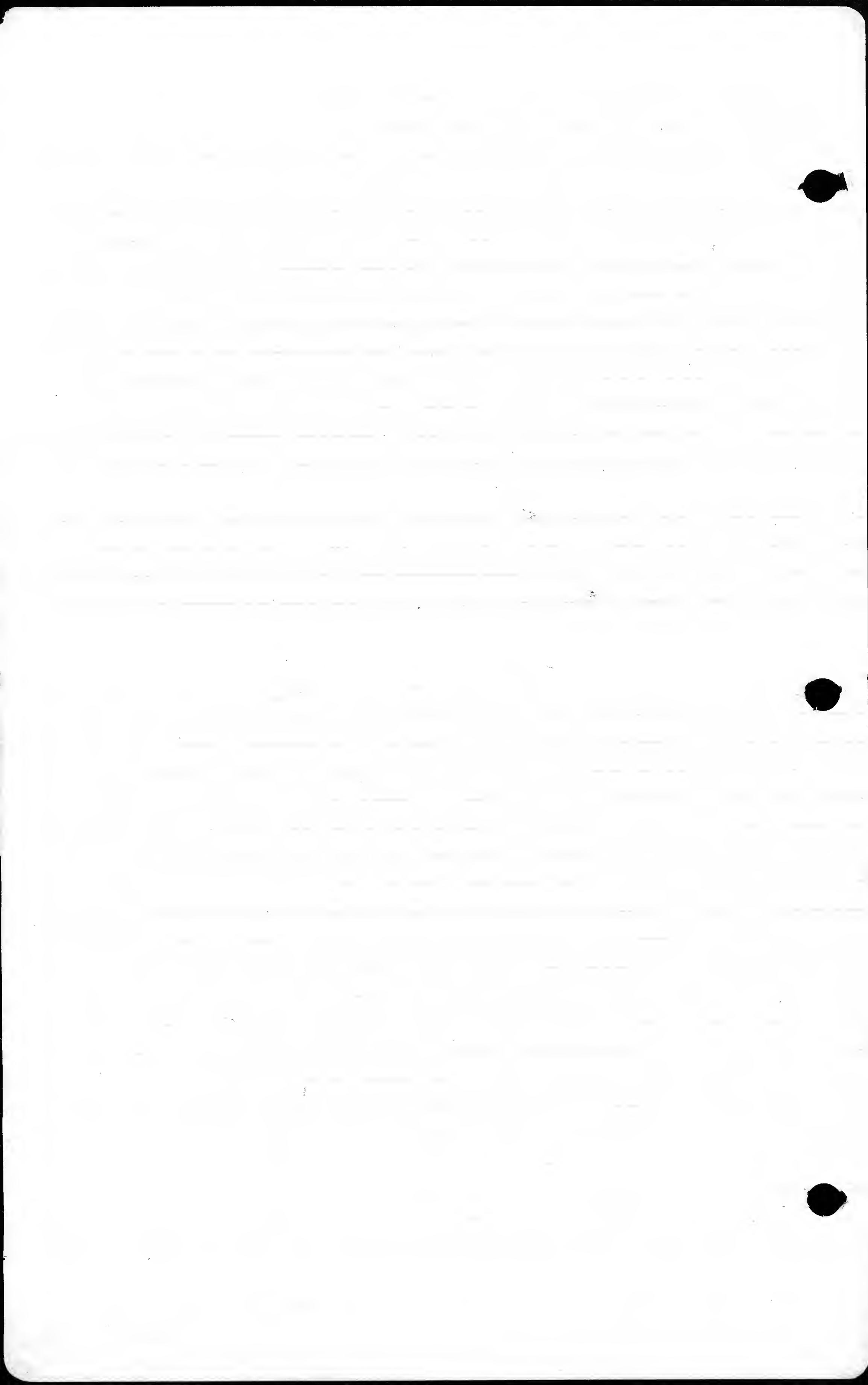
Uranomitra cyaneicollis (taken at Calacate - near ^{Bahia})

Phacelodorus dorsalis (Malca - near Cajabamba)

[*Harelda lunata* (taken

Siptornopsis hypochondriaca (Malca + Cajabamba)

Ochthoeca albidiaedra jelskii (taken at Cajabamba
 (front & supercil. white.)



Leymebamba, Aug 30.

Cloudy day, with showers. I went up Bamba ridge and got *Grallaricula* & then crossed over to 2nd ridge & up to top, then across by pond & down 1st ridge back at 2 1/2 pretty wet. Had went up Ntuen trail to forest, got back a few minutes after I did.

6034^v *Grallaricula* _____ sp. nov. (?) T.S.E. ♂ 134
brown/black, fluff below basally/dull leaden blue

6035^v *Ochthoeca albidiadema* _____ (?) T.M.E. ♂ 135
(yellow feet & supercilious)
brown/black/leaden horn

6036^v " " " " ♂ 137
_____ blackish horn

* 6037 *Myiophobus flavicans superciliosus* O.E. ♀ 135
brown/black/dark leaden horn

6038^v *Diphogena iris iris* T.E. ♂ 140
black/dusky flesh

6039^v *Basileuterus signatus* (?) ♀ 155
(no black on crown)
brown/black/brownish yellow, rufous yellow

6040^v *Diglossa albilatera similis* T.E. ♂ 136
brown/black/black

6041^v *Nyiaichus cephalotos* ♀ 201
brown/black/black

6042^v *Melospiza stictoptera taeniopterus* ♀ 125
brown/black, fluff at extreme base below/leaden blue

~~6043 *Turdus serrana*~~

6043^v *Xiphocolaptes promerops* O.S.E. ♀ 355
brown/dark horn, horn blue below/leaden olive

6044^v *Pionos* _____ (near *turnicoides*) T.E. ♂ 290
(same as *Stantamba* bird)
brown/yellowish olive, base of max dusky/dirty leaden

Beginning at Patan - to end of trip used
about $1\frac{1}{2}$ rolls. fine cottons.

For birds in Valle used 2 pkgs tissue paper.
I used from leaving Patan to end of trip 560
32 amp. cartridges.

Roberts used about 600 during same time
Used 1 can sandblast after leaving Patan to end
of trip.

After leaving Patan to end of trip used about
 $\frac{1}{2}$ of large cigar box of album to $\frac{2}{3}$ - not more

Used at Valle - 17 sheets some paper (manila)